

Phlebotominae (Diptera: Psychodomorpha: Psychodidae) deposited in the Museum of Zoology of the University of São Paulo

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Abstract. The subfamily Phlebotominae is represented by insects commonly known as sand flies widely distributed in tropical and subtropical regions, with the Neotropical region having the greatest diversity. Only New Zealand or the Pacific Islands, excepting New Caledonia, do not present records. One means of access to the more than 1,060 described species is through the specimens deposited in biological collections, and the availability of associated data on online platforms for consultation on the part of students and researchers. This being the case, this study aimed catalogue the sand flies deposited in the Invertebrate Collection of the MZUSP (University of São Paulo Museum of Zoology). Twenty-nine species designated as type material were found being of nine holotypes, one "allotype" and 90 paratypes described from five countries in the Americas: Panama, Honduras, Jamaica, Mexico, and Brazil. In addition to these, 1,346 non-type specimens, from 12 Brazilian states, are deposited in the collection and have been included here in list form. The MZUSP sand fly collection currently houses specimens from 152 species, which represents 28% (546) of the Phlebotominae fauna of the Americas.

Keywords. Scientific Collections; Sand flies; Biodiversity; Leishmaniasis.

INTRODUCTION

Sand flies are dipterans belonging to the family Psychodidae and subfamily Phlebotominae, responsible for transmitting several pathogens, including parasites of the genus *Leishmania* (Lainson & Rangel, 2005). There are 1,060 known species of Phlebotominae worldwide, with 53% (546 specimens) already recorded in the Americas, of which 297 (54%) occur in Brazil (Shimabukuro *et al.*, 2017; Andrade *et al.*, 2020; Galati, 2023; Galati & Rodrigues, 2023). According to

Galati (2018) classification, there are 23 genera, of which *Bichromomyia*, *Lutzomyia*, *Migonemyia*, *Nyssomyia*, *Pintomyia*, *Psychodopygus* and *Trichophoromyia* can be important in the transmission of *Leishmania* to mammals (Maroli *et al.*, 2013; Akhouni *et al.*, 2017). The diversity and abundance of sand flies are closely connected to abiotic factors as temperature, humidity, precipitation, the biome, availability of organic material and of food sources (Quaresma *et al.*, 2012; Oliveira *et al.*, 2013; Parham *et al.*, 2015; Peterson *et al.*, 2017). In Brazil, due to the environmental condi-

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tions that favor the development of these insects, their presence is observed in forest, rural and urban environments (Almeida *et al.*, 2010; Silva *et al.*, 2011).

Sand flies can be found in institutional collections (Santos *et al.*, 2014; Adams & Shimabukuro, 2018, Andrade-Filho *et al.*, 2022), including the named type-series, composed of the type specimen which is the example from which the taxon was described (ICZN, 1999). Brazil boasts seven scientific collections that house type specimens of the Phlebotominae: (I) "Coleção de Flebotomíneos do Instituto Evandro Chagas" (ColFleb IEC); (II) "Coleção de Flebotomíneos" (FIOCRUZ/COLFLEB); (III) "Coleção de Entomologia Médica da Faculdade de Saúde Pública da Universidade de São Paulo" (FSP-USP/SP); (IV) "Coleção de Invertebrados do Museu de Zoologia da Universidade de São Paulo" (MZUSP/SP); (V) "Coleção de Invertebrados do Instituto Nacional de Pesquisas da Amazônia" (INPA/AM); (VI) "Coleção Entomológica do Instituto Oswaldo Cruz" (CEIOC/RJ) and (VII) "Coleção Entomológica dos Instituto Butantan" (IBut/SP). In addition to these, it is possible to obtain information on types of Phlebotominae in collections abroad (Adams & Shimabukuro, 2018).

Among the above-mentioned collections, MZUSP houses the most important collection of Neotropical Diptera, including types, and is thereby characterized as the major collection of this group in Latin America. It currently comprises around 550,000 dried mounted samples and around 500,000 samples of entomological material preserved in wet method (MZUSP, 2021). Faced with the importance of the collections for the preservation of biodiversity, and of sand flies, regarding health, we catalogued the material type and listed the non-type specimens of Phlebotominae (Diptera: Psychodidae) deposited in the MZUSP collection. Associated data may be found in SiBBR (<https://collectory.sibbr.gov.br/collectory/public/show/co116>) and GBIF (<https://www.gbif.org/pt/publisher/c461e0ec-aaa8-4601-bae9-4b08d6e804f1>).

METHODS

Previous information contained on the permanent slides deposited in the MZUSP collection was annotated and photographed, followed by a verification of the original descriptions found in the literature. The catalogue contains the information on these descriptions (specimen name, locality, collection method, date, and collector/legit) keeping all of the original information in the labels. The condition of the specimens was observed. The nomenclature of the types in this catalogue and the geographical distribution of the species are following Galati (2018). This catalogue was devised and organized according to previous research on other groups of insects, including sand flies (Santos *et al.*, 2014; Adams & Shimabukuro, 2018; Falaschi *et al.*, 2020; González *et al.*, 2021). The other species of Phlebotominae (non-type) deposited in the collection are listed in the Supplementary Material.

The maps were devised in the QGIS program, version 3.20.2 (QGIS, Development Team, Open-Source Geospatial Foundation OSGeo). The maps represent the record for each specimen using the geographical coordinates of the localities mentioned in the labels on the deposited slides.

The types listed are arranged in alphabetical order of genus and divided according to subtribe, using the following format:

SUBTRIBE

Binomial name Author(s) and date of description.

Journal or Technical Bulletin, Volume(Issue): Pages.

Material examined: Typology, number of specimens and sex. The information was taken from the labels of the slides deposited in the collection, without any kind of modification.

Original name: Specimen name as identified on slide.

Type-locality: Country, City or County and State.

Geographical distribution by country and in Brazilian states in parentheses.

Additional note: For some species: Information present on the original labels was highlighted, such as the taxonomic status, and medical importance.

Abbreviations used in the catalog below:

Loc. Coll.: Collection Site.

Leg.: Legit.

Date Coll.: Collection Date.

Met.: Collection Method.

Det.: Determiner.

Date ID.: Date of specimen identification.

RESULTS

The MZUSP collection houses 1,446 specimens of sand flies, included in 152 species, distributed in the subtribes Brumptomyiina (16 species), Lutzomyiina (62 species), Sergentomyiina (14 species), Psychodopygina (59 species) and undetermined subtribe (1 species). The origin of the type species includes five Latin American countries and eight Brazilian states (Fig. 1). Non-type specimens from the collection include eight Latin American countries and 12 Brazilian states (Fig. 2). This catalogue presents information on types of 29 species of Phlebotominae, deposited in the Diptera collection at MZUSP. Data on type-species was incorporated into the Taxonomic Catalog of Brazilian Fauna (<http://fauna.jbrj.gov.br>).

Information on the species of the collection of type material: **PHLEBOTOMINAE**.

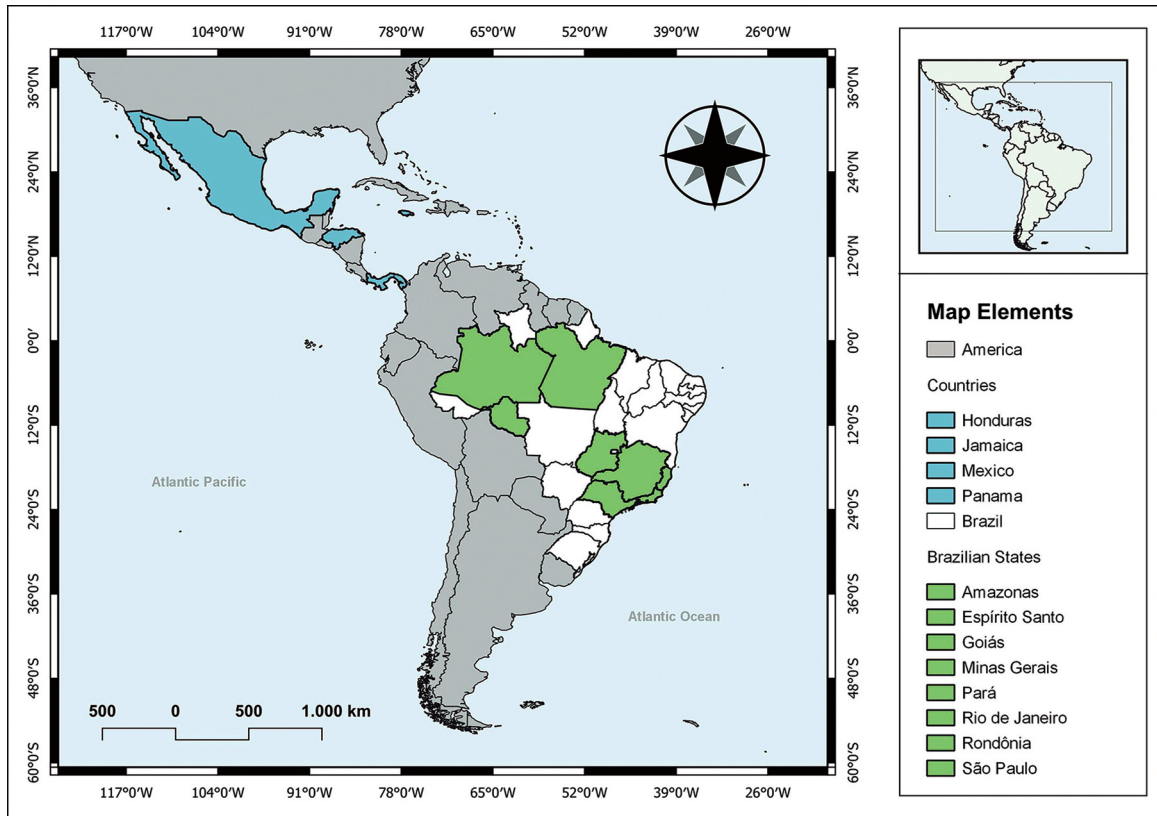


Figure 1. Map of Latin America with the origins (countries) and Brazilian states of the specimens types of sand flies deposited in the Invertebrate Collection of the Museum of Zoology of the University of São Paulo (MZUSP/SP).

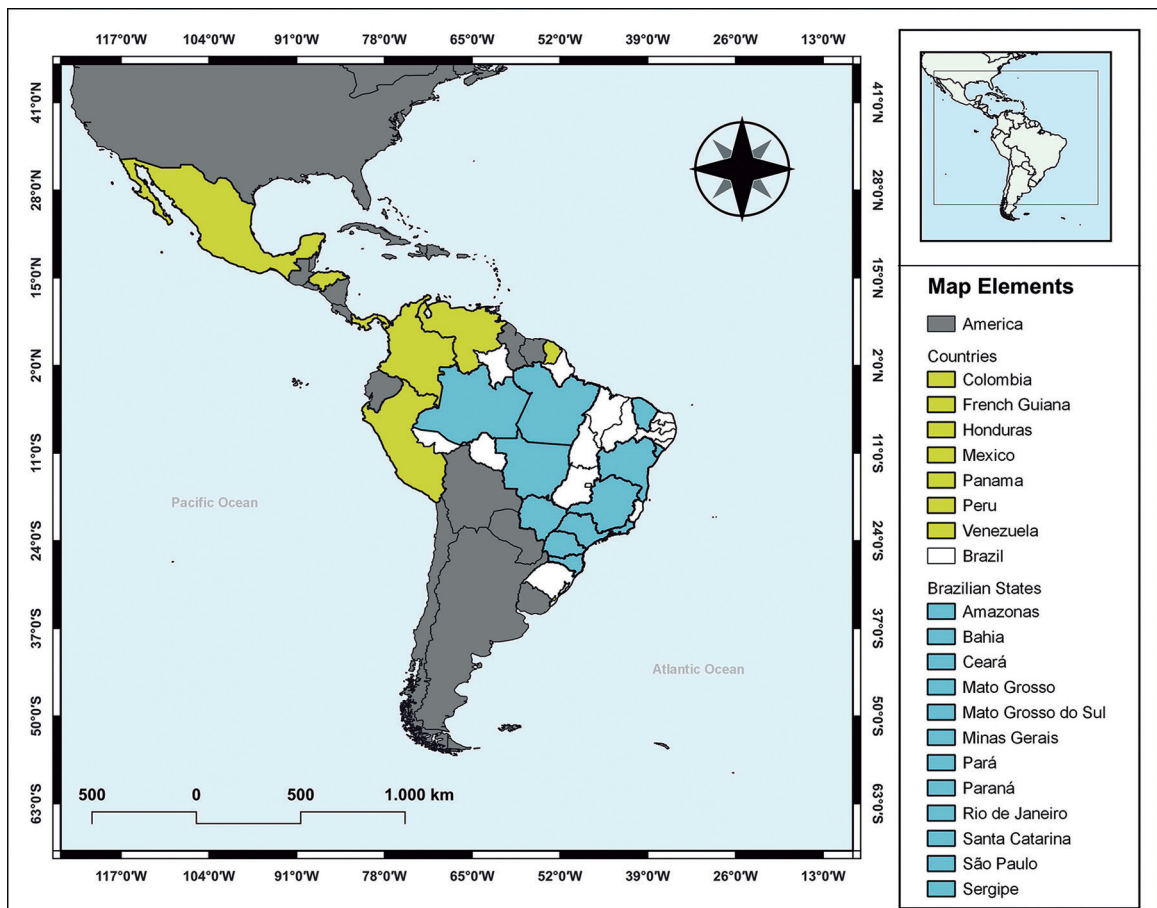


Figure 2. Map of Latin America with the origins (countries) and states of Brazil of the specimen non-types of sand flies deposited in the Invertebrate Collection of the Museum of Zoology of the University of São Paulo (MZUSP/SP).

Subtribe BRUMPTOMYIINA

Brumptomyia guimaraesi (Coutinho & Barretto, 1941)

Papéis Avulsos do Departamento de Zoologia, 1: 177-192.

Examined material label information: *Brumpt. guimaraesi* Cout. & Bar.; **paratypes:** 2♀♀ || Itaporanga || São Paulo || Brazil || Met. in light || Leg. Coutinho || Date Coll. 12-1940. **Paratype:** 1♀ || Itaporanga || São Paulo || Brazil || Loc. Coll. Lab creation || Leg. not informed || Date Coll. not informed.

Type-locality: Brazil, Itaporanga, São Paulo.

Geographical distribution: Colombia, Argentina, Paraguay, Brazil (Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Distrito Federal, Paraná).

Additional note: The slide of the female does not have information about the collector and date of collection, since that the specimen is from laboratory rearing. The species was renamed because it was misspelled (Coutinho & Barretto, 1941).

Brumptomyia dasypophila Barretto, 1964

Ciência & Cultura, 16(2): 156-157. Resumos das comunicações à XVIª Reunião Anual da SBPC, 1964.

Examined material label information: *Brumpt. dasypophila* Barr. 1962; **holotype:** 1♂ (MZ006761) || Cássia dos Coqueiros || São Paulo || Brazil. **Paratype:** 1♂ (MZ006760) || Cássia dos Coqueiros || São Paulo || Brazil.

Type-locality: Brazil, Cássia dos Coqueiros, São Paulo.

Geographical distribution: Brazil, Ribeirão (São Paulo).

Additional note: The locality on the slide label reads "Coqueiros S.P. Toca de Tatú. Albertin, 2-52 Leg.". Hol. ♂ MZ006761, Par. ♂ MZ006760. These specimens were reidentified as *Brumptomyia cunhai* (Mangabeira, 1942) by Galati in 1992 and noted in the slide. Based on Galati (2023) *Brumptomyia dasypophila* is as valid species and is closed with *Br. guimaraesi*.

Subtribe LUTZOMYIINA

Dampfomyia viriosa (Fairchild & Hertig, 1958)

Annals of the Entomological Society of America, 51(6): 509-516.

Examined material label information: *Phlebotomus viriosus* F. & H.: **Paratype:** 1♂ || Almirante || Bocas || Panama || Loc. Coll. Rock cavity || Leg. W. Hills || Date Coll. 05-12-1952.

Type-locality: Panama, Almirante, Bocas.

Geographical distribution: Costa Rica, Panama.

Evandromyia (Aldamyia) piperiformis Godoy, Cunha & Galati, 2017

Journal of Medical Entomology, 55(1): 128-136.

Examined material label information: *Evandromyia (Aldamyia) piperiformis*. **Holotype:** 1♂ || Porto Velho || Fazenda 2 Irmãos || Rondônia || Brazil || Place and/or collection method not informed || Leg. Correia W.P., Souza A.F. Oliveira G.H. || Date Coll. 04-04-2016 || Det. Godoy, Cunha & Galati || Date ID 2017. **Paratypes:** 11♂♂ || Porto Velho || Fazenda 2 Irmãos || Rondônia || Brazil || Place and/or collection method not informed || Leg. Correia W.P., Souza A.F. Oliveira G.H. || Date Coll. 04-04-2016 || Det. Godoy, Cunha & Galati || Date ID 2017. 10♀♀ || Porto Velho || Fazenda 2 Irmãos || Place and/or collection method not informed || Leg. Correia W.P., Souza A.F. Oliveira G.H. || Date Coll. 04-04-2016 || Det. Godoy, Cunha & Galati || Date ID 2017. **Paratypes:** 9♂♂ || Porto Velho || Sítio Santo Antônio || Rondônia || Brazil || Place and/or collection method not informed || Leg. Correia W.P., Souza A.F. Oliveira G.H. || Date Coll. 10-22-2015 || Det. Godoy, Cunha & Galati || Date ID 2017. **Paratypes:** 8♀♀ || Porto Velho || Sítio Santo Antônio || Rondônia || Brazil || Place and/or collection method not informed || Leg. Correia W.P., Souza A.F. Oliveira G.H. || Date Coll. 10-22-2015 || Det. Godoy, Cunha & Galati || Date ID 2017.

Type-locality: Brazil, Porto Velho, Fazenda 2 Irmãos, Sítio Santo Antônio, Rondônia.

Geographical distribution: Brazil (Rondônia, Pará, Goiás, Mato Grosso).

Evandromyia inpai (Young & Arias, 1977)

Acta Amazonica, 7(1): 59-70.

Examined material label information: *Lutzomyia inpai* Young & Arias, 1977. **Holotype:** 1♂ || Manaus || Amazonas || Brazil || Met. Disney (Hamster) trap || Leg. Freitas & Vidal || Date Coll. 10-21-1975. **Allotype:** 1♀ || Manaus || Amazonas || Brazil || Met. Disney (Hamster) trap || Leg. Freitas & Vidal || Date Coll. 10-21-1975.

Type-locality: Brazil, Manaus, Amazonas.

Geographical distribution: Venezuela, Brazil (Roraima, Amapá, Amazonas, Rondônia e Pará).

Lutzomyia botella (Fairchild & Hertig, 1961)

Annals of the Entomological Society of America, 54(2): 237-255.

Examined material label information: *Phlebotomus botellus* Fairchild & Hertig, 1961. **Paratype:** 1♂ || El Volcán de Chiriqui || Panama || Met. light trap || Leg. Blanton || Date Coll. 03-23-1954.

Type-locality: Panama, El Volcán de Chiriqui.

Geographical distribution: Panama.

Lutzomyia castroi
(Barretto & Coutinho, 1941)

Papéis Avulsos do Departamento de Zoologia, 1(24): 143-158.

Examined material label information: *Phlebotomus castroi* Bar. & Cout., 1941. **Holotype:** 1♂ || Itaporanga || São Paulo || Brazil || Met. in light || Leg. Coutinho || Date Coll. 12-1940.

Type-locality: Brazil, Itaporanga, São Paulo.

Geographical distribution: Brazil (São Paulo).

Additional note: Material originally deposited in the collection of the "Faculdade de Ciências Farmacêuticas de Ribeirão Preto" (FCFRP) and incorporated in the MZUSP collection by Andrade *et al.* (2013).

Lutzomyia hartmanni
(Fairchild & Hertig, 1957)

Annals of the Entomological Society of America, 50(4): 325-334.

Examined material label information: *Phlebotomus hartmanni* Fairchild & Hertig. **Paratype:** 1♂ || Cerro Campana || Panama || Met. Shannon trap || Leg. Hertig, Fairchild & Galindo || Date Coll. 02-01-1951. **Paratype:** 1♀ || Cerro Campana || Panama || Met. light trap || Leg. Blanton || Date Coll. 04-24-1952.

Type-locality: Panama, Cerro Campana.

Geographical distribution: Mexico, Costa Rica, Panama, Colombia, Ecuador, Peru.

Lutzomyia sanguinaria
(Fairchild & Hertig, 1957)

Annals of the Entomological Society of America, 50(4): 325-334.

Examined material label information: *Phlebotomus sanguinarius* F. & H. **Paratype:** 1♂ || El Maria || Panama || Loc. Coll. tree trunk || Leg. R. & H. || Date Coll. 01-11-1950. **Paratype:** 1♀ || Cerro Campana || Panama || Shannon Trap || Leg. Fairchild & Hertig || Date Coll. 08-24-1950.

Type-locality: Panama, El Maria, Panama, Cerro Campana.

Geographical distribution: Honduras, Nicaragua, Panama, Colombia.

Additional note: Species belongs to the sanguinaria series. Specimen listed as a suspect vector of *Leishmania panamensis* (Akhoundi *et al.*, 2017).

Pressatia camposi
(Rodriguez, 1952)

Annals of the Entomological Society of America, 45(4): 505-528.

Examined material label information: *Phlebotomus acanthobasis* Fairchild & Hertig. **Paratype:** 1♂ || Juan Mina C.Z. || Panama || Met. Shannon trap || Leg. F.S. Blanton || Date Coll. 09-05-1951. **Paratype:** 1♀ || Mojinga, Swamp, C.Z. || Panama || Met. light trap || Leg. Hertig || Date Coll. 07-11-1951.

Type-locality: Panama, Juan Mina C.Z.; Panama, Mojinga Swamp, C.Z.

Geographical distribution: Nicaragua, Costa Rica, Panama, Colombia, Ecuador.

Additional note: *Phlebotomus acanthobasis* Fairchild & Hertig, 1952 is considered as a junior synonym of *P. camposi* (Fairchild & Hertig, 1958).

Pressatia dysponeta
(Fairchild & Hertig, 1952)

Annals of the Entomological Society of America, 45(4): 505-528.

Examined material label information: *Phlebotomus dysponetus* Fairchild & Hertig. **Paratype:** 1♂ || Pacora || Panama || Loc. Coll. animal burrow || Leg. Hertig || Date Coll. 08-13-1950. **Paratype:** 1♀ || Pacora || Panama || Loc. Coll. animal burrow || Leg. Hertig || Date Coll. 08-13-1950.

Type-locality: Panama, Pacora.

Geographical distribution: Costa Rica, Panama, Colombia, Venezuela, Ecuador, Brazil (Mato Grosso).

Additional note: The record for the state of Mato Grosso (Missawa & Maciel, 2007) is a possible identification error since it is a trans Andean species.

Pintomyia odax
(Fairchild & Hertig, 1961)

Annals of the Entomological Society of America, 54(2): 237-255.

Examined material label information: *Phlebotomus odax* Fairchild & Hertig. **Paratype:** 1♂ || Vale Lancetilla || Honduras || Met. in light || Co Leg. II. Hils || Date Coll.

11-19-1953. **Paratype:** 1♀ || Vale Lancetilla || Honduras || Met. in light || Leg. Hills || Date Coll. 09-16-1953.

Type-locality: Honduras, Vale Lancetilla.

Geographical distribution: Guatemala, Honduras, Nicaragua, Costa Rica, Panama, Venezuela, Guiana Francesa, Brazil (Rondônia, Acre, Maranhão).

Additional note: The record of *Pintomyia odax* may be incorrect for the state of Rondônia. The specimens are a newly described species named *Pintomyia fiocruzi* (Costa et al., 2020).

Pintomyia pia
(Fairchild & Hertig, 1971)

Annals of the Entomological Society of America, 54(2): 237-255.

Examined material label information: *Phlebotomus pius* Fairchild & Hertig. **Paratype:** 1♂ || Santa Clara || El Volcán || Chiriqui || Panama || Loc. Coll. tree trunks || Leg. Hartmann colls. || Date Coll. 08-11-1950. **Paratype:** 1♀ || Palo Santo || Chiriqui || Panama || Met. Shannon trap || Leg. Hartmann colls. || Date Coll. 03-23-1951.

Type-locality: Panama, Santa Clara, El Volcán, Chiriqui.; Panama, Palo Santo, Chiriqui.

Geographical distribution: Costa Rica, Panama, Colombia, Venezuela, Peru, Bolivia.

Additional note: Suspect vector of *Leishmania braziliensis* in Colombia (Maroli et al., 2013).

Trichopygomyia triramula
(Fairchild & Hertig, 1952)

Annals of the Entomological Society of America, 45(4): 505-528.

Examined material label information: *Phlebotomus triramulus* Fairchild & Hertig. **Paratype:** 1♂ || Cerro Campana || Panama || Loc. Coll. animal burrow || Date Coll. 07-04-1948. **Paratype:** 1♀ || La Victoria || Panama || Met. Shannon trap || Date Coll. 08-02-1950.

Type-locality: Panama, Cerro Campana, Panama, La Victoria.

Geographical distribution: Mexico, Belize, Guatemala, Costa Rica, Panama, Colombia, Ecuador.

Subtribe SERGENTOMYIINA

Micropygomyia duppyorum
(Fairchild & Trapido, 1950)

Annals of the Entomological Society of America, 43(3): 405-417.

Examined material label information: *Phlebotomus duppyorum* F. & H. **Paratype:** 1♂ || Stony Hill || Saint Andrew || Jamaica || Loc. Coll. tree trunk || Leg. GBF & HT || Date Coll. 05-22-1949. **Paratype:** 1♀ || Stony Hill || Saint Andrew || Jamaica || Loc. Coll. tree trunk and roots || Leg. GBF & HT || Date Coll. 05-25-1949.

Type-locality: Jamaica, Stony Hill, Saint Andrew.

Geographical distribution: Jamaica.

Micropygomyia ferreirana
(Barretto, Martins & Pellegrino, 1956)

Folia Clinica et Biologica, 26: 47-56.

Examined material label information: *Lutz. ferreirana* Bar., Mart., Pel., 1956. **Holotype:** 1♂ || Jampruca || Minas Gerais || Brazil || Met. in light || Leg. Barretto, Martins & Pellegrino || Date Coll. 10-1955. **Paratype:** 1♂ || Jampruca || Minas Gerais || Brazil || Loc. Coll. Tree hollow || Date Coll. 10-1955.

Type-locality: Brazil, Jampruca, Minas Gerais.

Geographical distribution: Peru, Brazil (Mato Grosso, Distrito Federal, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Mato Grosso do Sul, Rio Grande do Sul).

Micropygomyia longipennis
(Barretto, 1946)

Revista Brasileira de Biologia, 6: 427-434.

Examined material label information: *P. longipennis* sp. n. **Holotype:** 1♂ || Faz. Monjolinhas || Corumbá || Goiás || Brazil || Loc. Coll. Forest (during the day) || Leg. Barretto || Date Coll. 12-1945.

Type-locality: Brazil, Faz. Monjolinhas, Corumbá, Goiás.

Geographical distribution: Peru, Brazil (Roraima, Amazonas, Amapá, Pará, Rondônia, Tocantins, Maranhão, Acre, Minas Gerais, Rio de Janeiro, São Paulo, Paraná, Goiás, Mato Grosso, Mato Grosso do Sul, Distrito Federal).

Subtribe PSYCHODOPYGINA

Nyssomyia trapidoi
(Fairchild & Hertig, 1952)

Annals of the Entomological Society of America, 45(4): 505-528.

Examined material label information: *Phlebotomus trapidoi* Fairchild & Hertig. **Paratype:** 1♂ || Finca Nievecita || Almirante || Bocas, RP || Panama || Loc. Coll. tree trunk || Leg. Hartmann || Date Coll. 06-21-1950. **Paratype:** 1♀ || Finca Nievecita || Almirante || Bocas, RP || Panama || Loc. Coll. tree trunk || Leg. Quiñones || Date Coll. 06-02-1950.

Type-locality: Panama, Finca Nievécita, Almirante, Bocas, RP.

Geographical distribution: Guatemala, Honduras, Nicaragua, Costa Rica, Panama, Colombia, Ecuador.

Additional note: Suspect vector of *Leishmania (Viannia) panamensis* (Maroli *et al.*, 2013; Dutari & Loaiza, 2014).

Nyssomyia ylephiletor
(Fairchild & Hertig, 1952)

Annals of the Entomological Society of America, 45(4): 505-528.

Examined material label information: *Phlebotomus ylephiletor* Fairchild & Hertig. **Paratype:** 1♂ || Finca Nievécita || Almirante || Bocas, RP || Panama || Loc. Coll. tree trunk || Leg. Hartmann || Date Coll. 06-22-1950. **Paratype:** 1♀ || Finca Nievécita || Almirante || Bocas, RP || Panama || Loc. Coll. tree trunk || Leg. Quiñones || Date Coll. 06-29-1951.

Type-locality: Panama, Finca Nievécita, Almirante, Bocas, RP.

Geographical distribution: Mexico, Belize, Guatemala, Honduras, Nicaragua, Costa Rica, Panama, Colombia, Ecuador.

Additional note: Suspected vector of *Leishmania (Viannia) panamensis* (Maroli *et al.*, 2013; Dutari & Loaiza, 2014).

Psathyromyia aclydifera
(Fairchild & Hertig, 1952)

Annals of the Entomological Society of America, 45(4): 505-528.

Examined material label information: *Phlebotomus aclydiferus* Fairchild & Hertig. **Paratype:** 1♂ || Juan Mina C.Z. || Panama || Loc. Coll. Tree with bats || Leg. Hertig, Galindo, Hartmann || Date Coll. 07-11-1951. **Paratype:** 1♀ || Mojinga Swamp C.Z. || Panama || Met. light trap || Leg. F.S. Blanton || Date Coll. 07-11-1951.

Type-locality: Panama, Juan Mina C.Z.; Panama, Mojinga Swamp C.Z.

Geographical distribution: Mexico, Belize, Honduras, Guatemala, Nicaragua, Costa Rica, Panama, Colombia, Ecuador, Bolivia.

Psathyromyia carpenteri
(Fairchild & Hertig, 1953)

Annals of the Entomological Society of America, 46(1): 21-34.

Examined material label information: *Phlebotomus carpenteri* Fairchild & Hertig. **Paratype:** 1♂ || Juan Mina

C.Z. || Panama || Met. light trap || Leg. Trapido || Date Coll. 10-29-1929. **Paratype:** 1♀ || Juan Mina C.Z. || Panama || Met. light trap || Leg. Trapido || Date Coll. 04-04-1950.

Type-locality: Panama, Juan Mina C.Z.

Geographical distribution: Mexico, Belize, Costa Rica, Panama, Colombia.

Psathyromyia cratifer
(Fairchild & Hertig, 1961)

Annals of the Entomological Society of America, 54(2): 237-255.

Examined material label information: *Phlebotomus cratifer* F. & H. **Paratype:** 1♂ || Palenque || Chiapas || Mexico || Loc. Coll. tree trunk || Leg. Fairchild, Hartmann || Date Coll. 04-02-1951.

Type-locality: Mexico, Palenque, Chiapas.

Geographical distribution: Mexico, Belize, Honduras, Costa Rica, Panama.

Psathyromyia runoides
(Fairchild & Hertig, 1953)

Annals of the Entomological Society of America, 46(1): 21-34.

Examined material label information: *Phlebotomus runoides* Fairchild & Hertig. **Paratype:** 1♂ || Mojinga Swamp || Panama || Met. light trap || Leg. F.S. Blanton || Date Coll. 09-05-1951. **Paratype:** 1♀ || Mojinga Swamp || Panama || Met. light trap || Leg. F.S. Blanton || Date Coll. 09-05-1951.

Type-locality: Panama, Mojinga Swamp.

Geographical distribution: Costa Rica, Panama, Colombia, Ecuador, Peru, Brazil (Roraima, Amazonas, Acre, Rondônia, Tocantins, Minas Gerais, Mato Grosso).

Additional note: The male and female *Psathyromyia runoides* were redescribed by Costa *et al.* (2021) from the paratypes deposited at the MZUSP.

Psathyromyia undulata
(Fairchild & Hertig, 1950)

Annals of the Entomological Society of America, 43(3): 523-533.

Examined material label information: *Phlebotomus undulatus* F. & H. **Paratype:** 1♂ || Ocosocoautla || Chiapas || Mexico || Loc. Coll. tree trunk || Leg. Fairchild, Hartmann || Date Coll. 04-08-1951. **Paratype:** 1♀ || Ocosocoautla || Chiapas || Mexico || Loc. Coll. tree trunk || Leg. Fairchild, Hartmann || Date Coll. 04-08-1951.

Type-locality: Mexico, Ocosocoautla, Chiapas.

Geographical distribution: Mexico, Guatemala, Belize, Honduras, El Salvador, Costa Rica, Panama.

Psychodopygus bispinosus
(Fairchild & Hertig, 1951)

Annals of the Entomological Society of America, 44(3): 399-421.

Examined material label information: *Phlebotomus bispinosus* Fairchild & Hertig. **Paratype:** 1♂ || La Victoria || Panama || Met. Shannon trap || Leg. M. Hertig || Date Coll. 08-29-1950. **Paratype:** 1♀ || La Victoria || Panama || Met. Shannon trap || Leg. M. Hertig || Date Coll. 08-29-1950.

Type-locality: Panama, La Victoria.

Geographical distribution: Mexico, Belize, Honduras, Guatemala, Nicaragua, Costa Rica, Panama, Suriname, Colombia, Guiana Francesa, Ecuador, Brazil (Amapá, Amazonas, Pará, Acre, Rondônia, Bahia, Mato Grosso).

Psychodopygus matosi
(Barretto & Zago, 1956)

Revista Brasileira de Entomologia, 5: 177-186.

Examined material label information: *Lutz. matosi* Barretto & Zago, 1956. **Holotype:** 1♂ || Itaipava || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Deane & Mattos || Date Coll. 05-09-1950. **Paratypes:** 4♂♂ || Itaipava || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Deane & Mattos || Date Coll. 05-09-1950. **Paratypes:** 2♀♀ || Itaipava || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Deane & Mattos || Date Coll. 05-09-1950.

Type-locality: Brazil, Itaipava, Petrópolis, Rio de Janeiro.

Geographical distribution: Brazil (Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro).

Trichophoromyia adelsonsouzai
Santos, Silva, Barata, Andrade & Galati 2013

Memórias do Instituto Oswaldo Cruz, 109(2): 140-147.

Examined material label information: *Trichophoromyia adelsonsouzai* Santos, Silva, Barata, Andrade & Galati 2013. **Paratypes:** 3♂♂ || Pará || Vitória do Xingu between Altamira and Anapu (km 23 of the R. Transamazônica) || Brazil || Met. CDC; Shannon || Leg. Santos TV & Silva FMM. || Date Coll. 02-04-15-2012 e 07-10-26-2012 || Det. Andrade and cols. || Date ID 2013 || 3♀♀ || Pará || Vitória do Xingu between Altamira and Anapu (km 23 of the R. Transamazônica) || Brazil || Met. CDC; Shannon || Leg. Santos TV & Silva FMM. || Date Coll. 02-04-15-2012 e 07-10-26-2012 || Det. Andrade and cols. || Date ID 2013.

Type-locality: Brazil, Vitória do Xingu between Altamira and Anapu (km 23 of the R. Transamazônica) || Pará.

Geographical distribution: Brazil (Pará).

Trichophoromyia reburra
(Fairchild & Hertig, 1961)

Annals of the Entomological Society of America, 54(2): 237-255.

Examined material label information: *Phlebotomus reburra* Fairchild & Hertig. **Paratype:** 1♂ || Tacarcuna || Darien || Panama || Met. Shannon trap || Leg. Quiñones e Galindo || Date Coll. 09-05-1958. **Paratype:** 1♀ || Tacarcuna || Darien || Panama || Loc. Coll. In forest || Leg. Galindo || Date Coll. 04/09/1958.

Type-locality: Panama, Tacarcuna, Darien.

Geographical distribution: Costa Rica, Panama, Colombia, Ecuador.

Trichophoromyia wagleyi
(Causey & Damasceno, 1945)

Memórias do Instituto Oswaldo Cruz, 42(1): 17-29.

Examined material label information: *Lutz. wagleyi* (Cau. & Dam., 1945). **Holotype:** 1♂ || São Paulo de Olivença || Amazonas || Brazil || Loc. Coll. Toca de tatu || Leg. Damasceno || Date Coll. 04-1943.

Type-locality: Brazil, São Paulo de Olivença, Amazonas.

Geographical distribution: Colombia, Venezuela, Bolivia, Brazil (Amazonas).

Note: *Lutz. breviducta* Barretto (1950) was described based in an single male designed as: holotype ♂ || Fazenda Jerusalém || Alegre || Espírito Santo || Brazil || Loc. Coll. in domicile || Leg. Zikan || Date Coll. not informed and material originally deposited in the "Faculdade de Ciências Farmacêuticas de Ribeirão Preto" (FCFRP) and incorporated in the MZUSP. However, this species was invalidated by Andrade *et al.* (2013), since this specimen is composed of parts of different species.

DISCUSSION

The collection of invertebrates at MZUSP is recognized as one of the greatest scientific collections in Brazil by presenting a wide diversity of species of the most diverse taxa and because of its historical character (Vivo *et al.*, 2014). The Phlebotominae collection corresponds to 0.2% of the deposited insects, but it has 28% of the known sand fly species of the Americas. All type specimens are mounted in Canadian Balm. They are well preserved and body parts are visible, enabling specific

identification. Yet, it should be noted that the number of type-species could be greater, since, after verifying data from the slides of the species *Martinsmyia alphabetica*, *Evandromyia wilsoni*, *Brumptomyia cardosoi*, *Br. mangabeirai* we observed that the information corroborates with that contained in the literature describing the species. But without the designation of the authors on the slides, it is difficult to verify their status as part of the type-series. In the same situation, we found in the MZUSP collection specimens of *Br. travassossi* and *Pintomyia damascenoi* collected by Mangabeira-Filho (1941, 1942). We believe that these sand flies could be part of the collection of more than 30 specimens described by the author. The Mangabeira's collection was in the Entomological Collection of the Instituto Oswaldo Cruz (FIOCRUZ/CEIOC) but, until moment, it is lost (Andrade. AJ, *personal communication*). On the other hand, the MZSUP received some of the slides originally belonging to the USP Department of Medicine/Parasitology Standard Collection, an important collection set up and organized by Dr. Mauro Pereira Barretto, who for almost 60 years devoted himself to the study of sand flies (Shimabukuro & Galati, 2011, Andrade *et al.*, 2013).

The species, listed in this catalogue present a wide distribution in the Americas. In Brazil, there are records of Phlebotominae in every state (Galati, 2018) and the occurrence of these insects in different regions can give indications of environmental quality, as well as information necessary for the study of the epidemiological aspects of leishmaniasis (Pereira-Júnior *et al.*, 2019). The preservation of samples in collections could be essential in studies on the dynamics of a disease in a certain region. It is possible to utilize information on labels or in genetic material banks to evaluate the seasonal dynamics of vector species, to estimate the space-time distribution of the species and also analyze competence in the transmission of pathogens (Maggi & Krämer, 2019; Thompson *et al.*, 2021).

Entomological repositories and collections are essential for the study of insect taxonomy and systematics, above all those of medical interest, since it is possible to consult the material and compare it with the original description to check the taxonomic status of the species, for example (Andrade *et al.*, 2013, 2014). A consultation of type material already collected and catalogued becomes an interesting alternative for the study of vectors, since there is information on taxonomic aspects, taxonomic status of the specimen and the biogeography of a specimen or group, principally of those groups that are difficult to capture (Cranston, 2005). For example, the specimen *Phlebotomus breviductus* Barretto, 1950, which is in the MZUP's collection, after evaluation of the type material was ultimately invalidated by Andrade *et al.* (2013), thus showing the importance of constant revision of the material stored so as to discover occasional irregularities and correct them.

In this work was observed the presence of species and/or potential species that can transmit *Leishmania*, for example *Lutzomyia longipalpis*, which is the main species responsible for the transmission of *Leishmania*

(*Leishmania*) *infantum* (Lainson & Rangel, 2005). *Nyssomyia trapidoi* and *Ny. ylephiletor* are potential vectors of *Leishmania* (*Viannia*) *panamensis* (Maroli *et al.*, 2013; Dutari & Loaiza, 2014). This demonstrates the importance of preserving this type of material to support taxonomic identifications of vector species and contribute to a better understanding of the eco-epidemiological aspects in the transmission chain of leishmaniasis (Thompson *et al.*, 2021).

In addition to the role of preserving biodiversity, the collections can provide rapid access to samples which are important and once digitalized can facilitate the propagation of information (Balke *et al.*, 2013; Beaman & Cellinese, 2012; Hedrick *et al.*, 2020), and promote the use of new analytical approaches to old samples to generate new knowledge, enabling more complex studies to be performed. One of the tools that can be used in studies of insects is the use of the DNA barcode to identify taxonomic specimens or groups. It is also possible to apply this type of approach in studies that involve the areas of ecology and conservation (Kress *et al.*, 2015). The collections could thus be useful for conducting studies of taxonomic review of a specimen for example, since there is the possibility to compare deposited samples by studying vouchers and reference materials and re-use them with new research perspectives. (Camargo *et al.*, 2015; SciColl, 2016).

For these reasons, scientific collections are indispensable in the preservation of natural history. The information contained can serve as a resource for the most diverse types of academic research, in addition to the possibility of being used for educational ends.

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SUPPLEMENTARY MATERIAL

List of non-type specimens deposited at the Museum of Zoology of the University of São Paulo (MZUSP/SP), grouped according to the classification proposed by Galati (2018).

SUBTRIBE BRUPTOMYIINA

Brumptomyia sp.

Material examined: 10♀♀ || *Brumptomyia* sp. || Teodoro Sampaio || São Paulo || Brazil || Met. CDC || Leg. Nardi || Date Coll. 12-21-22-2008 || Det. Galati || Date identification not informed.

1♀ || *Brumptomyia* sp. || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Brazil || Met. CDC || Leg. Shimabukuro, P.H.F. & Silva-Neto, A.M. || Date Coll. 19-20.I.2012 || Det. Shimabukuro || Date ID 2012.

1♀ || *Brumptomyia* sp. || Base de estudos do Pantanal, UFMS || Corumbá || Mato Grosso do Sul || Brazil || Met. CDC || Leg. Shimabukuro & Nascimento || Date Coll. 05-06. VIII.2011 || Det. Shimabukuro || Date ID 2012.

Brumptomyia avellari (Costa Lima, 1932)

Material examined: 31♂♂ || *Brumpt. avellari* (Lima, 32) || Coqueiros || São Paulo || Brazil || Loc. Coll. armadillo burrow || Leg. Albertin || Date Coll. 02-1955 || Det. not informed || Date identification not informed.

3♂♂ || *Brumpt. avellari* Lima, 32 || Cardoso Moreira || São Paulo || Brazil || Loc. Coll. armadillo burrow || Leg. Frutuoso || Date Coll. 06-1941 || Det. not informed || Date identification not informed.

1♂ || *Brumpt. avellari* Lima, 32 || Lassance || Minas Gerais || Brazil || Loc. Coll. armadillo burrow || Leg. Mangabeira || Date Coll. 1939 || Det. not informed || Date identification not informed.

1♂ || *Brumpt. avellari* Lima, 32 || Palmeiras || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 10-1944 || Det. not informed || Date identification not informed.

1♂ || *Brumpt. avellari* Lima, 32 || Queiroz || São Paulo Brazil || Met. in light || Leg. Coutinho || Date Coll. 01-1941 || Det. not informed || Date identification not informed.

2♂♂ || *Brumpt. avellari* Lima, 32 || Coqueiros || São Paulo || Brazil || Loc. Coll. armadillo burrow || Leg. Barretto || Date Coll. 02-1952 || Det. not informed || Date identification not informed.

3♂♂ || *Brumpt. avellari* Lima, 32 || Coqueiros || São Paulo || Brazil || Loc. Coll. armadillo burrow || Leg. Barretto || Date Coll. 04-1952 || Det. not informed || Date identification not informed.

Brumptomyia brumpti (Larrousse, 1920)

Material examined: 7♂♂ || *Brumpt. brumpti* Larr. 1920 || São Domingo || Pará || Brazil || Loc. Coll. Armadillo burrow || Leg. Mangabeira || Date Coll. 1940 || Det. not informed || Date identification not informed.

1♂ || *Brumpt. brumpti* Larr. 1920 || Queiroz || São Paulo || Brazil || Met. in light || Leg. Pessoa || Date Coll. 12-1939 || Det. not informed || Date identification not informed.

1♂ || *Brumpt. brumpti* Larr. 1920 || Presidente Prudente || São Paulo || Brazil || Met. in light || Leg. Coutinho & Pessoa || Date Coll. 05-1940 || Det. not informed || Date identification not informed.

1♂ || *Brumpt. brumpti* (Larr. 1920) || Presidente Prudente || São Paulo || Brazil || Met. in light || Leg. Pessoa & Coutinho || Date Coll. 03-1940 || Det. not informed || Date identification not informed.

1♂ || *Brumpt. brumpti* Larr. 1920 || Martinópolis || São Paulo || Brazil || Met. in light || Leg. Coutinho || Date Coll. 09-1940 || Det. not informed || Date identification not informed.

1♂ || *Brumptomyia brumpti* || Fazenda Califórnia || Bodoquena || Mato Grosso do Sul || Brazil || Met. CDC || Leg. Shimabukuro & Nascimento || Date Coll. 08-07-08-2011 || Det. Shimabukuro Date ID 2012.

***Brumptomyia cardosoi* (Barretto & Coutinho, 1941)**

Material examined: 2♂♂ || *Brumpt. cardosoi* Bar. & Cout. 1941 || Duque de Caxias || Rio de Janeiro || Brazil || Loc. Coll. armadillo burrow || Leg. Mangabeira || Date Coll. 04-1946 || Det. not informed || Date identification not informed.

1♂ || *Brumpt. cardosoi* Bar. & Cout. 1941 || São José dos Campos || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 10-1940 || Det. not informed || Date identification not informed.

1♂ || *Brumpt. cardosoi* Bar. & Cout. 1941 || Coqueiros || São Paulo || Brazil || Loc. Coll. armadillo burrow || Leg. Barretto || Date Coll. 02-1952 || Det. not informed || Date identification not informed.

***Brumptomyia cunhai* (Mangabeira, 1942)**

Material examined: 2♂♂ || *Brumpt. dasypophila* Barr., 1962 || Coqueiros || São Paulo || Brazil || Loc. Coll. armadillo burrow || Leg. Albertin || Date Coll. 02-1952 || Det. not informed || Date identification not informed.

***Brumptomyia galindoi* (Fairchild & Hertig, 1947)**

Material examined: 1♂ || "*galindoi*" || Mojinga Swamp || Panama || Met. light trap || Leg. Blaton || Date Coll. 01-31-1952 || Det. not informed || Date identification not informed.

***Brumptomyia guimaraesi* (Coutinho & Barretto, 1941)**

Material examined: 9♂♂ || *Brumpt. guimaraesi* Cout. & Bar., 1941 || Coqueiros || São Paulo || Brazil || Loc. Coll. armadillo burrow || Leg. Albertin || Det. not informed || Date ID 02-1955.

1♂ || *Brumpt. guimaraesi* Cout. & Bar., 1941 || Coqueiros || São Paulo || Brazil || Loc. Coll. cco de árvore || Coll. Albetin || Det. not informed || Date ID 02-1955.

***Brumptomyia hamata* (Fairchild & Hertig, 1947)**

Material examined: 1♂ || "*hamata*" || Camp. Piña || C.Z. || Met. light trap || Leg. Fiel e colls. || Date Coll. 06-09-1955 || Det. not informed || Date identification not informed.

***Brumptomyia mangabeirai* (Barretto & Coutinho, 1941)**

Material examined: 10♂♂ || *Brumpt. mangabeirai* Bar. & Cout., 1941 || São José dos Campos || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 10-1940 || Det. not informed || Date identification not informed.

***Brumptomyia nitzulescui* (Costa Lima, 1932)**

Material examined: 23♂♂ || *Brumpt. nitzulescui* (Lima, 1932) || Coqueiros || São Paulo || Brazil || Loc. Coll. armadillo burrow || Leg. Albertin || Date Coll. 02-1955 || Det. not informed || Date identification not informed.

2♂♂ || *Brumpt. nitzulescui* Lima, 1932 || Coqueiros || São Paulo || Brazil || Loc. Coll. armadillo burrow || Leg. Barretto || Date Coll. 04-1952 || Det. not informed || Date identification not informed.

1♂ || *Brumpt. nitzulescui* (Lima, 1932) || Coqueiros || São Paulo || Brazil || Loc. Coll. armadillo burrow || Leg. Barretto || Date Coll. 03-1954 || Det. not informed || Date identification not informed.

2♂♂ || *Brumpt. nitzulescui* Lima, 1932 || São José dos Campos || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 10-1940 || Det. not informed || Date identification not informed.

***Brumptomyia ortizi* Martins, Falcão & Silva, 1971**

Material examined: 2♂♂ || *Brumptomyia pentacantha* || Coqueiros || São Paulo || Brazil || Loc. Coll. armadillo burrow || Leg. Albertin || Date Coll. 02-1955 || Det. Cotrim || Date ID 12-20-1971.

1♂ || *Brumptomyia pentacantha* || Coqueiros || São Paulo || Brazil || Loc. Coll. armadillo burrow || Leg. Barretto || Date Coll. 03-1953 || Det. Galati || Date ID 12-20-1971.

1♂ || *Brumptomyia pentacantha* || Coqueiros || São Paulo || Brazil || Loc. Coll. armadillo burrow || Leg. Barretto || Date Coll. 03-1953 || Det. Cotrim || Date ID 12-1971.

***Brumptomyia pentacantha* (Barretto, 1947)**

Material examined: 2♂♂ || *Brumpt. pentacanthus* Barr., 1947 || Irituia || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 03-1942 || Det. not informed || Date identification not informed.

***Brumptomyia pintoii* (Costa Lima, 1932)**

Material examined: 7♂♂ || *Brumpt. pintoii* Lima, 1932 || Água Preta || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 11-1943 || Det. not informed || Date identification not informed.

1♂ || *Brumpt. pintoii* Lima, 1932 || Lassance || Minas Gerais || Brazil || Loc. Coll. armadillo burrow || Leg. Mangabeira || Date Coll. 1939 || Det. not informed || Date identification not informed.

1♂ || *Brumpt. pintoii* Lima, 1932 || Montabo || French Guiana || Place and/or collection method not informed || Coll. Leg. Floch || Date Coll. not informed || Det. not informed || Date identification not informed.

***Brumptomyia spinosipes* (Floch & Abonnenc, 1943)**

Material examined: 1♀ || *F. spinosipes* || Aurá || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 06-02-1941 || Det. Barretto || Date identification not informed.

***Brumptomyia travassosi* (Mangabeira, 1942)**

Material examined: 4♂♂ || *Brumpt. travassosi* Mang., 1942 || Água Preta || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Mangabeira || Date Coll. 1940 || Det. not informed || Date identification not informed.

1♂ || *Brumpt. travassosi* Mang., 1942 || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 08-1943 || Det. not informed || Date identification not informed.

2♂♂ || *Brumpt. travassosi* Mang., 1942 || Baduel || French Guiana || Place and/or collection method not informed || Leg. Floch || Date Coll. 1943 || Det. not informed || Date identification not informed.

***Brumptomyia troglodytes* (Lutz, 1922)**

Material examined: 2♂♂ || *Brumpt. troglodytes* Lutz, 1922 || Serra de São Bento || Santa Catarina || Brazil || Loc. Coll. em mata || Leg. Lutz || Det. not informed || Date not informed.

SUBTRIBE SERGENTOMYIINA

***Deanemyia ramirezi* (Martins, Falcão, Silva & Miranda-Filho, 1982)**

Material examined: 1♂ || *Deanemyia ramirezi* || Barão de Cocais || Minas Gerais || Brazil || Loc. Coll. cave || Leg. Andrade coll. || Date Coll. 03-10-21-2009 || Det. Galati || Date ID 2009.

1♂ || *Deanemyia ramirezi* || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Brazil || Met. CDC || Leg. Shimabukuro & Nascimento || Date Coll. 09-06-07-2011 || Det. Shimabukuro || Date ID 2012.

1♀ || *Deanemyia ramirezi* || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Brazil || Met. CDC || Leg. Shimabukuro & Nascimento || Date Coll. 09-06-07-2011 || Det. Shimabukuro || Date ID 2012.

2♀♀ || *Deanemyia ramirezi* || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Brazil || Met. CDC || Leg. Shimabukuro & Nascimento || Date Coll. 09-05-06-2011 || Det. Shimabukuro || Date ID 2012.

3♂♂ || *Deanemyia ramirezi* || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Brazil || Met. CDC || Leg. Shimabukuro & Nascimento || Date Coll. 09-03-04-2011 || Det. Shimabukuro || Date ID 2012.

***Deanemyia samueli* (Deane, 1955)**

Material examined: 1♂ || *Lutz. samueli* (Deane, 1935) || Massapê || Ceará || Brazil || Coll. loc. in domicile || Leg. Deane || Date Coll. 03-04-1954 || Det. Barretto || Date identification not informed.

1♂ || *Lutz. samueli* (Deane, 1935) || Massapê || Ceará || Brazil || Coll. loc. in domicile || Leg. Deane || Date Coll. 03-17-1954 || Det. Barretto || Date identification not informed.

***Micropygomyia atroclavata* (Knab, 1913)**

Material examined: 1♂ || *Phlebotomus atroclavatus* Knab || Punta Madroño || Chimán || Panama || Site Coll. tree trunks || Leg. Hartmann coll. || Date Coll. 03-31-1954 || Det. Fairchild & Hertig || Date identification not informed.

1♀ || Sp. *Phlebotomus atroclavatus* Knab || Old Panama || Panama || Loc. Coll. in ruin stones || Leg. M. Hertig. || Date Coll. 07-29-1951 || Det. Fairchild & Hertig || Date identification not informed.

***Micropygomyia cayennensis* (Floch & Abonnec, 1941)**

Material examined: 1♀ || *Phlebotomus cayennensis* || St. Falcon || Rio Maticora || Venezuela || Place and/or collection method not informed || Leg. Ortiz || Date Coll. 1948 || Det. Rozeboom || Date identification not informed.

1♂ || *P. cayennensis* || Municipality, State, not informed || Country not informed || Place and/or collection method not informed || Legit not informed || Det. not informed || Date not informed.

1♀ || *P. cayennensis* || Zulia (Rio Negro) || Venezuela || Place and/or collection method not informed || Legit not informed || Date Coll. 10-1947 || Det. not informed || Date identification not informed.

***Micropygomyia chiapanensis* (Dampf, 1947)**

Material examined: 1♂ || *Phlebotomus chiapanensis* Dampf || Old Panama || Panama || Loc. Coll. ruins || Leg. M. Hertig || Date Coll. 12-30-1949 || Det. Fairchild & Hertig || Date identification not informed.

1♀ || *Phlebotomus chiapanensis* Dampf || Old Panama || Panama || Loc. Coll. ruins || Leg. M. Hertig. || Date Coll. 12-22-1949 || Det. Fairchild & Hertig || Date identification not informed.

***Micropygomyia longipennis* (Barretto, 1946)**

Material examined: 32♂♂ || *Lutzomyia longipennis* || Coqueiros || São Paulo || Brazil || Loc. Coll. armadillo burrow || Leg. Albertin || Date Coll. 02-1952 || Det. M. Cotrim || Date ID 07-23-1971.

15♂♂ || *Lutzomyia longipennis* || Coqueiros || São Paulo || Brazil || Loc. Coll. armadillo burrow || Leg. Albertin || Date Coll. 02-1952 || Det. E.A. Galati || Date ID 12-20-1971.

1♂ || *Micropygomyia longipennis* || Campus UNEMAT || Nova Xavantina || Mato Grosso || Brazil || Place and/or collection method not informed || Leg. Batista, J.D. e eq., cols. || Date Coll. 11-29-1996 || Det. Shimabukuro || Date ID 2012.

***Micropygomyia micropyga* (Managbeira, 1942)**

Material examined: 2♂♂ || *Lutz. micropyga* (Mang., 1942) || Aurá || Pará || Brazil || Loc. Coll. tree trunk || Leg. Damasceno || Date Coll. 08-1944 || Det. Barretto || Date identification not informed.

***Micropygomyia oppidana* (Dampf, 1944)**

Material examined: 1♂ || *Phlebotomus oppidanus* Dampf || Nuevo Leon || Mexico || Loc. Coll. rock cavity || Leg. P.G. & H. Trapido || Date Coll. 09-09-1955 || Det. Fairchild & Hertig || Date identification not informed.

1♀ || *Phlebotomus oppidanus* Dampf || Nuevo Leon || Mexico || Loc. Coll. rock cavity || Leg. P.G. & H. Trapido || Date Coll. 09-09-1955 || Det. Fairchild & Hertig || Date identification not informed.

***Micropygomyia oswaldoi* (Mangabeira, 1942)**

Material examined: 4♂♂ || *Lutz. oswaldoi* (Mang. 1942) || Pé de Serra || Ceará || Brazil || Met. in light || Leg. Deane || Date Coll. 02-1957 || Det. not informed || Date identification not informed.

1♂ || *Lutz. oswaldoi* (Mang. 1942) || Pé de Serra || Ceará || Brazil || Coll. loc. in domicile || Leg. Deane || Date Coll. 01-1957 || Det. not informed || Date identification not informed.

1♂ || *Lutz. oswaldoi* (Mang. 1942) || Timbaúbas || Ceará || Brazil || Loc. Coll. trunk of oiticica || Leg. Mangabeira || Date Coll. 1940 || Det. not informed || Date identification not informed.

***Micropygomyia quinquefer* (Dyar, 1929)**

Material examined: 3♂♂ || *Lutz. rickardi* (Lima, 1936) || Timbaúbas || Ceará || Brazil || Loc. Coll. tree trunk || Leg./Mangabeira || Date Coll. 1941 || Det. not informed || Date identification not informed.

1♂ || *Lutz. rickardi* (Lima, 1936) || Russas (Ceará) || Brazil || Loc. Coll. tree trunk || Date Coll. 04-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. rickardi* (Lima, 1936) || Pé de Serra || Ceará || Brazil || Place and/or collection method not informed || Leg. Deane || Date Coll. 1957 || Det. not informed || Date identification not informed.

3♀♀ || *Lutz. rickardi* (Lima, 1936) || Pé de Serra || Ceará || Brazil || Place and/or collection method not informed || Leg. Deane || Date Coll. 1957 || Det. not informed || Date identification not informed.

1♀ || *Lutz. rickardi* (Lima, 1936) || Massapê || Ceará || Brazil || Place and/or collection method not informed || Leg. Deane || Date Coll. 1957 || Det. not informed || Date identification not informed.

5♂♂ || *Lutz. rickardi* (Lima, 1936) || Massapê || Ceará || Brazil || Coll. loc. in domicile || Leg. Deane || Date Coll. 03-1954 || Det. Barretto || Date identification not informed.

1♀ || *Lutz. rickardi* (Lima, 1936) || Russas || Ceará || Brazil || Loc. Coll. tree trunk || Legit not informed || Date Coll. 04-1940 || Det. not informed || Date identification not informed.

***Micropygomyia schreiberi* (Martins, Falcão & Silva, 1975)**

Material examined: 1♂ || *Lutz. villelai* (Mang., 1942) || Russas || Ceará || Brazil || Loc. Coll. lab creation || Legit not informed || Date Coll. not informed || Det. not informed || Date identification not informed.

5♀♀ || *Lutz. villelai* (Mang., 1942) || Pé de Serra || Ceará || Brazil || Met. in light || Leg. Deane || Date Coll. 02-1957 || Det. Galati || Date ID 1977.

***Micropygomyia trinidadensis* (Newstead, 1922)**

Material examined: 1♂ || *Phlebotomus trinidadensis* Newst. || Cacique || Color || Panama || Loc. Coll. tree trunk || Leg. Hartmann || Date Coll. 09-20-1949 || Det. Fairchild & Hertig || Date identification not informed.

1♀ || *Phlebotomus trinidadensis* Newst. || Rio del Medio || Gatun || Panama || Loc. Coll. tree trunk (Ficus sp.) || Leg. Hartmann || Date Coll. 10-14-1949 || Det. Fairchild & Hertig || Date identification not informed.

1♀ || *Phlebotomus baduelensis* || Rio Maticora (St. Falan) || Venezuela || Place and/or collection method not informed || Leg. Ortiz || Date Coll. 1948 || Det. not informed || Date identification not informed.

SUBTRIBE LUTZOMYIINA***Sciopemyia* sp.**

Material examined: 1♀ || *Sciopemyia* sp. || Parque Estadual Serra do Mar || Ubatuba || São Paulo || Brazil || Met. Malaise || Leg. N.W. Perioto e eq., cols. || Date Coll. 01-21-2002 || Det. Shimabukuro || Date identification not informed.

***Sciopemyia fluviatilis* (Floch & Abonnenc, 1944)**

Material examined: 1♂ || *P. fluviatilis* || Anguille || Country not informed || Place and/or collection method not informed || Legit not informed || Date Coll. 05-1944 || Det. not informed || Date identification not informed.

***Sciopemyia sordellii* (Shannon & Del Ponte, 1927)**

Material examined: 1♂ || *Lutz. nordestina* (Mang. 1942) || Arceburgo || Minas Gerais || Brazil || Loc. Coll. armadillo burrow || Leg. Barretto || Date Coll. 12-1943 || Det. not informed || Date identification not informed.

1♂ || *Lutz. nordestina* (Mang. 1942) || Arceburgo || Minas Gerais || Brazil || Loc. Coll. armadillo burrow || Leg. Barretto || Date Coll. 12-1946 || Det. not informed || Date identification not informed.

5♂♂ || *Lutz. nordestina* (Mang. 1942) || Belém || Pará || Brazil || Loc. Coll. tree trunk || Leg. Damasceno || Date Coll. 06-1944 || Det. not informed || Date identification not informed.

1♂ || *Sciopemyia sordellii* || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Met. CDC || Leg. Shimabukuro & Silva-Neto || Date Coll. 01-16-17-2012 || Det. Shimabukuro || Date ID 2012.

1♀ || *Sciopemyia sordellii* || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Met. CDC || Leg. Shimabukuro, P.H.F. & Silva-Neto, A.M. || Date Coll. 01-18-19-2012 || Det. Shimabukuro || Date ID 2012.

***Sciopemyia servulolimai* (Damasceno & Causey, 1945)**

Material examined: 1♂ || *Sciopemyia servulolimai* || Reserva do Sapiranga || Mata de São João || Bahia || Brazil || Met. Malaise || Leg. M.T. Tavares e eq., cols. || Date Coll. 07-25-2001 || Det. Shimabukuro || Date ID 2012.

***Lutzomyia amarali* (Barretto & Coutinho, 1941)**

Material examined: 2♀♀ || *Lutzomyia amarali* (Barretto & Coutinho, 1941) || Capuava || Cotia || São Paulo || Met. New Jersey || Leg. CCZ (São Paulo) || Date Coll. 04-08-2009 || Det. Galati || Date ID 2009.

1♀ || *Lutzomyia amarali* (Barretto & Coutinho, 1941) || São Paulo || Brazil || Met. CDC || Leg. CCZ (São Paulo) || Date Coll. 05-05-06-2009 || Det. Galati || Date ID 2009.

***Lutzomyia noguchii* (Shannon, 1929)**

Material examined: 5♂♂ || *Lutz. noguchii* (Shan., 1929) || Vale do Riimac || Peru || Place and/or collection method not informed || Leg. Lane || Det. not informed || Date not informed.

1♂ || *Phlebotomus noguchii* Shan. || Vale do Rimac || Peru || Loc. Coll. Cavernas || Tornamesa || Matucana || Leg. A. Herrer || Date Coll. 04-1951 || Det. not informed || Date identification not informed.

1♀ || *Phlebotomus noguchii* Shan. || Vale do Rimac || Peru || Loc. Coll. cavernas || Tornamesa || Matucana || Leg. A. Herrer || Date Coll. 04-1951 || Det. not informed || Date identification not informed.

***Lutzomyia longipalpis* (Lutz & Neiva, 1912)**

Material examined: 2♀♀ || *Phl. longipalpis* – 1814 || Alto Bonito, Jacobina || Bahia || Brazil || Coll. loc. in domicile || Leg. Manoel || Date Coll. 01-19-1966 || Det. Neide Guitton || Date ID 03-24-1966.

2♂♂ || *Phl. longipalpis* – 1814 || Alto Bonito || Jacobina || Bahia || Brazil || Coll. loc. in domicile || Leg. Manoel || Date Coll. 01-19-1966 || Det. Neide Guitton || Date ID 03-24-1966.

1♂ || *Phl. longipalpis* – 1810 || Alto Bonito || Jacobina || Bahia || Brazil || Loc. Coll. chiqueiro de porco || Leg. Manoel & Siqueira || Date Coll. 11-19-1965 || Det. Neide Guitton || Date ID 03-22-1966.

1♂ || *Phl. longipalpis* – 1810 || Alto Bonito || Jacobina || Bahia || Brazil || Loc. Coll. chiqueiro de porco || Leg. Manoel & Siqueira || Date Coll. 11-19-1966 || Det. Neide Guitton || Date ID 03-22-1966.

3♂♂ || *Phl. longipalpis* – 1299 || Riacho do Judeu || Jacobina || Bahia || Brazil || Loc. Coll. loca de pedras || Leg. Ítalo, Tomé & Domingos || Date Coll. 05-22-1965 || Det. Sherlock & Guitton || Date ID 06-11-1965.

1♀ || *Phl. longipalpis* – 1299 || Riacho do Judeu || Jacobina || Bahia || Brazil || Loc. Coll. loca de pedras || Leg. Ítalo, Tomé & Domingos || Date Coll. 05-22-1965 || Det. Sherlock & Guitton || Date ID 06-11-1965.

25♂♂ || *Lutz. longipalpis* (L. & N., 1912) || Pé de Serra || Ceará || Brazil || Coll. loc. in domicile || Leg. Deane || Date Coll. 02-1957 || Det. not informed || Date identification not informed.

12♂♂ || *Lutz. longipalpis* (L. & N., 1912) || Massapê || Ceará || Brazil || Met. in light || Leg. Deane || Date Coll. 01-1957 || Det. not informed || Date identification not informed.

1♀ || *Lutz. longipalpis* (L. & N., 1912) || Lagoa Santa/Gruta da Lapinha || Minas Gerais || Place and/or collection method not informed || Leg. Martins || Date Coll. 10-1955 || Det. not informed || Date identification not informed.

2♂♂ || *Lutz. longipalpis* (L. & N., 1912) || Fortaleza || Ceará || Brazil || Coll. loc. in domicile || Leg. Pessoa || Date Coll. 09-1953 || Det. not informed || Date identification not informed.

2♂♂ || *Lutzomyia longipalpis* (L. & N., 1912) || Russas || Ceará || Brazil || Coll. loc. in domicile || Leg. Mangabeira || Date Coll. 1941 || Det. not informed || Date identification not informed.

3♂♂ || *Lutzomyia longipalpis* (L. & N., 1912) || Piratuba || Amazonas || Brazil || Coll. loc. in domicile || Leg. Chagas || Date Coll. 03-1938 || Det. not informed || Date identification not informed.

1♂ || *Lutzomyia longipalpis* (L. & N., 1912) || Timbaúbas || Ceará || Brazil || Coll. loc. in domicile || Leg. Mangabeira || Date Coll. 1941 || Det. not informed || Date identification not informed.

1♂ || *Lutzomyia longipalpis* (L. & N., 1912) || Abaeté || Pará || Brazil || Coll. loc. in domicile || Leg. Damasceno || Date Coll. 1943 || Det. not informed || Date identification not informed.

1♂ || *Lutzomyia longipalpis* (L. & N., 1912) || Massapê || Ceará || Brazil || Coll. loc. in domicile || Leg. Deane || Date Coll. 03-1954 || Det. Barretto || Date identification not informed.

2♂♂ || *Lutzomyia longipalpis* (L. & N., 1912) || Massapê || Ceará || Brazil || Coll. loc. in domicile || Leg. Deane || Date Coll. 10-1954 || Det. Barretto || Date identification not informed.

1♂ || *Lutzomyia longipalpis* (L. & N., 1912) || Sobral || Ceará || Brazil || Coll. loc. in domicile || Leg. Deane || Date Coll. 03-1954 || Det. Barretto || Date identification not informed.

1♂ || *Lutzomyia longipalpis* || Fazenda Califórnia || Bodoquena || Mato Grosso do Sul || Brazil || Met. CDC || Leg. Shimabukuro & Nascimento || Date Coll. 08-08-09-2011 || Det. Shimabukuro || Date ID 2012.

***Lutzomyia peruensis* (Shannon, 1929)**

Material examined: 1♂ || *Phlebotomus peruensis* Shann. || Cuzco || Peru || Place and/or collection method not informed || Leg. Hertig || Date Coll. 11-30-1947 || Det. Fairchild & Hertig || Date identification not informed.

1♀ || *Phlebotomus peruensis* Shann. || Cuzco || Peru || Place and/or collection method not informed || Leg. Hertig || Date Coll. 11-18-1947 || Det. Fairchild & Hertig || Date identification not informed.

***Lutzomyia gomezi* (Nitzulescu, 1931)**

Material examined: 7♂♂ || *Lutz. gomezi* (Nitz., 1931) || Tachira || La Colorada || Venezuela || Place and/or collection method not informed || Leg. Anduze || Date Coll. 04-1944 || Det. not informed || Date identification not informed.

1♀ || *Lutz. gomezi* (Nitz., 1931) || Tachira || La Colorada || Venezuela || Place and/or collection method not informed || Leg. Anduze || Date Coll. 04-1944 || Det. not informed || Date identification not informed.

1♂ || *Lutz. gomezi* (Nitz., 1931) || C.Z. || Panama || Place and/or collection method not informed || Leg. Rozeboom || Det. not informed || Date not informed.

2♂♂ || *Lutz. gomezi* (Nitz., 1931) || San Cristobal || Venezuela || Place and/or collection method not informed || Leg. Ortiz e coll. || Date Coll. not informed || Det. not informed || Date identification not informed.

6♂♂ || *Lutz. gomezi* (Nitz., 1931) || Tocunduba || Pará || Brazil || Loc. Coll. tree trunk || Leg. Mangabeira || Date Coll. 1941 || Det. not informed || Date identification not informed.

1♂ || *Lutz. gomezi* (Nitz., 1931) || Belém || Pará || Brazil || Loc. Coll. tree trunk || Leg. Damasceno || Date Coll. 1941 || Det. not informed || Date identification not informed.

2♂♂ || *Lutz. gomezi* (Nitz., 1931) || Abaetetuba || Pará || Brazil || Loc. Coll. tree trunk || Leg. Deane || Date Coll. 1957 || Det. Barretto || Date identification not informed.

***Lutzomyia cruciata* (Coquillett, 1907)**

Material examined: 1♂ || *Phlebotomus cruciatus* Coquillett || Almirante || Bocas || R.P. || Loc. Coll. Pilar Sta. C (Church?) || Legit not informed || Date Coll. 04-09-1952 || Det. Fairchild & Hertig || Date identification not informed.

1♀ || *Phlebotomus cruciatus* Coquillett || Almirante || Bocas || R.P. || Met. Shannon trap || Leg. Quiñones e coll. || Date Coll. 06-28-1951 || Det. Fairchild & Hertig || Date identification not informed.

***Lutzomyia cavernicola* (Costa Lima, 1932)**

Material examined: 2♀♀ || *cavernicolus* (?) || Municipality, State, not informed || Brazil || Place and/or collection method not informed || Leg. Mangabeira || Date Coll. 10-1935 || Det. Barretto || Date identification not informed.

***Micropygomyia gorbitzi* (Blancas, 1959/1960)**

Material examined: 1♀ || *Phlebotomus hansonii* F. & H. || Loma Borracho || Sherman || Panama || Met. light trap || Leg. Blanton || Date Coll. 05-08-1949 || Det. not informed || Date identification not informed.

1♂ || *Phlebotomus hansonii* F. & H. || Rio Corotú || Puerto || Chiriqui || Panama || Loc. Coll. tree trunk || Leg. Hertig || Date Coll. 04-21-1950 || Det. not informed || Date identification not informed.

***Migonemyia migonei* (França, 1920)**

Material examined: 2♂♂ || *Lutz. migonei* (França, 1920) || Jaraguá || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 1940 || Det. not informed || Date identification not informed.

2♂♂ || *Lutz. migonei* (França, 1920) || Queiroz || São Paulo || Brazil || Met. human bait || Leg. Pessoa || Date Coll. 1939 || Det. not informed || Date identification not informed.

2♂♂ || *Lutz. migonei* (França, 1920) || Queiroz || São Paulo || Brazil || Met. human bait || Leg. Pessoa || Date Coll. 08-1939 || Det. not informed || Date identification not informed.

2♂♂ || *Lutz. migonei* (França, 1920) || Queiroz || São Paulo || Brazil || Met. dog bait || Leg. Barretto & Coutinho || Date Coll. 12-1939 || Det. not informed || Date identification not informed.

1♂ || *Lutz. migonei* (França, 1920) || Presidente Prudente || São Paulo || Brazil || Met. in light || Leg. Coutinho || Date Coll. 09-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. migonei* (França, 1920) || Santo Amaro || São Paulo || Brazil || Met. in light || Leg. Galvão || Date Coll. 04-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. migonei* (França, 1920) || Russas || Ceará || Brazil || Coll. loc. in domicile || Leg. Mangabeira || Date Coll. 1941 || Det. not informed || Date identification not informed.

1♂ || *Lutz. migonei* (França, 1920) || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Deane || Date Coll. 05-1950 || Det. not informed || Date identification not informed.

1♂ || *Lutz. migonei* (França, 1920) || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Deane & Matos || Date Coll. 05-1950 || Det. not informed || Date identification not informed.

3♀ || *Lutz. migonei* (França, 1920) || Presidente Prudente || São Paulo || Brazil || Met. in light || Leg. Coutinho || Date Coll. 09-1940 || Det. not informed || Date identification not informed.

1♀ || *Lutz. migonei* (França, 1920) || Jaraguá || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 09-1940 || Det. not informed || Date identification not informed.

***Pintomyia verrucarum* (Townsend, 1913)**

Material examined: 8♂♂ || *Lutz. verrucarum* (Townsend, 1913) || Matucama || Peru || Place and/or collection method not informed || Leg. Lane || Date Coll. not informed || Det. not informed || Date identification not informed.

1♂ || *Lutz. verrucarum* Lane leg. || Matucama || Peru || Place and/or collection method not informed || Leg. Lane || Date Coll. not informed || Det. not informed || Date identification not informed.

1♀ || *Lutz. verrucarum* Towns. 1913 || Matucama || Peru || Place and/or collection method not informed || Leg. Lane || Date Coll. not informed || Det. not informed || Date identification not informed.

1♀ || *Lutz. verrucarum* (Townsend, 1913) || Matucama || Peru || Place and/or collection method not informed || Leg. Lane || Date Coll. not informed || Det. not informed || Date identification not informed.

***Pintomyia monticola* (Costa Lima, 1932)**

Material examined: 15♀♀ || *Lutz. monticola* (Lima, 1932) || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Matos || Date Coll. 05-1950 || Det. not informed || Date identification not informed.

1♀ || *Pintomyia monticola* || Teodoro Sampaio || São Paulo || Brazil || Met. CDC || Leg. Nardi || Date Coll. 12-20-21-2008 || Det. Galati || Date identification not informed.

1♀ || *Lutz. monticola* (Lima, 1932) || Pindamonhangaba || São Paulo || Brazil || Met. mm luz || Leg. Barretto & Coutinho || Date Coll. 10-1940 || Det. not informed || Date identification not informed.

1♀ || *Lutz. monticola* (Lima, 1932) || Salesópolis || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 09-1940 || Det. not informed || Date identification not informed.

1♀ || *Lutz. monticola* (Lima, 1932) || Casa Grande || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 10-1940 || Det. not informed || Date identification not informed.

1♀ || *Lutz. monticola* (Lima, 1932) || Cantareira || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 01-1940 || Det. not informed || Date identification not informed.

2♀♀ || *Lutz. monticola* (Lima, 1932) || Cantareira || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 10-1940 || Det. not informed || Date identification not informed.

1♀ || *Lutz. monticola* (Lima, 1932) || Mogi das Cruzes || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 12-1940 || Det. not informed || Date identification not informed.

1♀ || *Lutz. monticola* (Lima, 1932) || Itatiaia || Rio de Janeiro || Brazil || Met. in light || Leg. Barretto || Date Coll. 02-1944 || Det. not informed || Date ID not informed.

1♀ || *Lutzomyia (Pif.) monticola* (Lima, 1932) || Cantareira || São Paulo || Brazil || Loc. Coll. peridomicile (biting the resident) || Leg. Moschin JC || Date Coll. 03-30-2009 || Det. Galati || Date ID 2009.

1♀ || *Pi. monticola* || Cotia || São Paulo || Brazil || Met. Black Shannon || Leg. Fonseca MB || Date Coll. 03-11-2005 || Det. not informed || Date identification not informed.

1♀ || *Pi. monticola* || Cotia || São Paulo || Brazil || Met. Black Shannon || Leg. Fonseca MB || Date Coll. 03-18-19-2005 || Det. Galati || Date ID 2007.

1♀ || *Pintomyia monticola* || São Paulo || Brazil || Met. CDC || Leg. Shimabukuro || Date Coll. 12-09-2009 || Det. Galati || Date ID 2010.

1♂ || *Lutz. monticola* (Lima, 1932) || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Matos || Date Coll. 05-1950 || Det. not informed || Date identification not informed.

***Pintomyia gruta* (Ryan, 1986)**

Material examined: 3♂♂ || *Pintomyia* (*Pif.*) *gruta* || FLONA || Carajás || Pará || Brazil || Loc. Coll. cave || Leg. Andrade colls. || Date Coll. 10-07-12-2008 || Det. Galati || Date ID 2009.

1♂ || *Pintomyia* (*Pif.*) *gruta* || FLONA || Carajás || Pará || Brazil || Loc. Coll. cave || Leg. Andrade colls. || Date Coll. 08-23 and 09-12-2007 || Det. Galati || Date ID 2009.

1♂ || *Pintomyia* (*Pif.*) *gruta* || Canaã dos Carajás || Pará || Brazil || Loc. Coll. cave || Leg. Andrade colls. || Date Coll. 07-20 and 08-06-2008 || Det. Galati || Date ID 2009.

3♀♀ || *Pintomyia* (*Pif.*) *gruta* (Ryan, 1986) || Canaã dos Carajás || Pará || Brazil || Loc. Coll. cave || Leg. Andrade colls. || Date Coll. 07-20 and 08-06-2008 || Det. Galati || Date ID 2009.

2♀♀ || *Pintomyia* (*Pif.*) *gruta* || FLONA || Carajás || Pará || Brazil || Loc. Coll. cave || Leg. Andrade colls. || Date Coll. 10-07-12-2008 || Det. Galati || Date ID 2009.

1♀ || *Pintomyia* (*Pif.*) *gruta* || FLONA || Carajás || Pará || Brazil || Loc. Coll. cave || Leg. Andrade colls. || Date Coll. 08-23 and 09-12-2007 || Det. Galati || Date ID 2009.

***Pintomyia pessoai* (Coutinho & Barretto, 1940)**

Material examined: 6♂♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Queiroz || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 01-03-1940 || Det. not informed || Date identification not informed.

2♂♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Queiroz || São Paulo || Brazil || Met. in light || Leg. Pessôa || Date Coll. 09-1939 || Det. not informed || Date identification not informed.

5♂♂ || *Lutz. pessoai* Cout. & Bar., 1940 || Queiroz || São Paulo || Brazil || Met. human bait || Leg. Pessôa || Date Coll. 09-10-1939 || Det. not informed || Date identification not informed.

1♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Queiroz || São Paulo || Brazil || Met. human bait || Leg. Ramos || Date Coll. 04-1940 || Det. not informed || Date identification not informed.

2♂♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Queiroz || São Paulo || Brazil || Coll. loc. in domicile || Leg. Barretto || Date Coll. 10-1940 || Det. not informed || Date identification not informed.

3♂♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Queiroz || São Paulo || Brazil || Met. dog bait || Leg. Ramos || Date Coll. 04-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Queiroz || São Paulo || Brazil || Met. dog bait || Leg. Ramos || Date Coll. 05-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Queiroz || São Paulo || Brazil || Met. dog bait || Leg. Ramos || Date Coll. 06-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Queiroz || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 04-1940 || Det. not informed || Date identification not informed.

2♂♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Queiroz || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 03-1940 || Det. not informed || Date identification not informed.

2♂♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Martinópolis || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 03-1940 || Det. not informed || Date identification not informed.

4♂♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Alves Lima || São Paulo || Brazil || Met. in light || Leg. Cotrim || Date Coll. 11-1939 || Det. not informed || Date identification not informed.

1♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Pompéia || São Paulo || Brazil || Coll. loc. in domicile || Leg. Barretto || Date Coll. 01-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Pompéia || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 10-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Pompéia || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 11-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Alfredo Castilho || São Paulo || Brazil || Met. human bait || Leg. Batista || Date Coll. 10-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Alfredo Castilho || São Paulo || Brazil || Met. human bait || Leg. Batista || Date Coll. 11-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Alfredo Castilho || São Paulo || Brazil || Met. human bait || Leg. Batista || Date Coll. 12-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Alfredo Castilho || São Paulo || Brazil || Met. human bait || Leg. Coutinho || Date Coll. 01-1940 || Det. not informed || Date identification not informed.

2♂♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Andradina || São Paulo || Brazil || Met. in light || Leg. Pessoa || Date Coll. 03-1939 || Det. not informed || Date identification not informed.

1♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Aceburgo || Minas Gerais || Brazil || Met. in light || Leg. Barretto || Date Coll. 04-1944 || Det. not informed || Date identification not informed.

1♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Presidente Prudente || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 08-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Cantareira || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 02-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. pessoai* (Cout. & Bar., 1940) || Vera Cruz || São Paulo || Brazil || Coll. loc. in domicile || Coll. Ramalho || Date Coll. 06-1939 || Det. not informed || Date identification not informed.

1♀ || *Lutz. pessoai* (Cout. & Bar., 1940) || Queiroz || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 01-1940 || Det. not informed || Date identification not informed.

1♀ || *Lutz. pessoai* (Cout. & Bar., 1940) || Regente Feijó || São Paulo || Brazil || Met. in light || Leg. Coutinho || Date Coll. 10-1939 || Det. not informed || Date identification not informed.

1♀ || *Lutz. pessoai* (Cout. & Bar., 1940) || Regente Feijó || São Paulo || Brazil || Met. in light || Leg. Coutinho || Date Coll. 10-1940 || Det. not informed || Date identification not informed.

1♀ || *Lutz. pessoai* (Cout. & Bar., 1940) || Araçatuba || São Paulo || Brazil || Met. in light || Leg. Batista || Date Coll. 02-1939 || Det. not informed || Date identification not informed.

***Pintomyia fischeri* (Pinto, 1926)**

Material examined: 9 (Gender not identified) || *Phl. fischeri* || Uruçuca || Bahia || Brazil || Loc. Coll. tree trunk || Leg. Sherlock & Afonso || Date Coll. 25-01-1960 || Det. Sherlock || Date ID 1960.

1 (Gender not identified) || *Phl. fischeri* || Uruçuca || Bahia || Brazil || Loc. Coll. tree trunk || Leg. Afonso || Date Coll. 05-01-1959 || Det. Sherlock || Date ID 1960.

1 (Gender not identified) || *P. fischeri* || Municipality, State, not informed || Country not informed || Place and/or collection method not informed || Leg. not informed || Date Coll. not informed || Det. not informed || Date identification not informed.

1♀ || *P. fischeri* || Municipality, State, not informed || Country not informed || Place and/or collection method not informed || Leg. not informed || Date Coll. not informed || Det. not informed || Date identification not informed.

1♂ || *Lutz. fischeri* (Pinto, 1926) || Itatiaia || Rio de Janeiro || Brazil || Met. in light || Leg. Zikan || Date Coll. 03-1944 || Det. not informed || Date identification not informed.

15♀♀ || *Lutz. fischeri* (Pinto, 1926) || Itatiaia || Rio de Janeiro || Brazil || Met. in light || Leg. Zikan || Date Coll. 03-1944 || Det. not informed || Date identification not informed.

1♂ || *Lutz. fischeri* (Pinto, 1926) || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Matos || Date Coll. 06-1950 || Det. not informed || Date identification not informed.

5♀♀ || *Lutz. fischeri* (Pinto, 1926) || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Deane || Date Coll. 05-1950 || Det. not informed || Date identification not informed.

16♀♀ || *Lutz. fischeri* (Pinto, 1926) || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Deane & Matos || Date Coll. 05-1950 || Det. not informed || Date identification not informed.

3♂♂ || *Lutz. fischeri* (Pinto, 1926) || Jaraguá || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 10-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. fischeri* (Pinto, 1926) || Jampruca || Minas Gerais || Brazil || Met. in light || Leg. Barretto || Date Coll. 10-1955 || Det. not informed || Date identification not informed.

1♂ || *Lutz. fischeri* (Pinto, 1926) || Cantareira || São Paulo || Brazil || Coll. loc. in domicile || Leg. Barretto || Date Coll. 01-1941 || Det. not informed || Date identification not informed.

1♀ || *Lutz. fischeri* (Pinto, 1926) || Cantareira || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 04-1940 || Det. not informed || Date identification not informed.

1♀ || *Lutz. fischeri* (Pinto, 1926) || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 02-1940 || Det. not informed || Date identification not informed.

1♀ || *Lutz. fischeri* (Pinto, 1926) || Martinópolis || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 08-1940 || Det. not informed || Date identification not informed.

1♀ || *Lutz. fischeri* (Pinto, 1926) || Silvestre || Goiás || Brazil || Met. in light || Coll. Lane || Date Coll. 02-1940 || Det. not informed || Date identification not informed.

***Pintomyia evansi* (Nuñez-Tovar, 1924)**

Material examined: 4♂♂ || *Lutz. evansi* (N.-T., 1924) || Mene de Mauroa || Venezuela || Place and/or collection method not informed || Leg. Ortiz || Date Coll. 1948 || Det. not informed || Date identification not informed.

1♀ || *Lutz. evansi* (N.-T., 1924) || Mene de Mauroa || Venezuela || Place and/or collection method not informed || Leg. Ortiz || Date Coll. 1948 || Det. not informed || Date identification not informed.

***Pintomyia columbiana* (Ristorcelli & Van Ty, 1941)**

Material examined: 2♀♀ || *Lutz. columbiana* (Rist. & Ty, 1941) || Mariño || Colombia || Place and/or collection method not informed || Leg. Magabeira || Date Coll. 08-1944 || Det. not informed || Date identification not informed.

1♂ || *Lutz. columbiana* (Rist. & Ty, 1941) || Mariño || Colombia || Place and/or collection method not informed || Leg. Mangabeira || Date Coll. 08-1944 || Det. not informed || Date identification not informed.

***Pintomyia damasceni* (Mangabeira, 1941)**

Material examined: 3♂♂ || *Lutz. damasceni* (Mang. 1942) || Aurá || Belém || Pará || Brazil || Loc. Coll. tree trunk || Leg. Damasceno || Date Coll. 1945 || Det. not informed || Date identification not informed.

4♂♂ || *Lutz. damasceni* (Mang. 1942) || Utinga || Pará || Brazil || Loc. Coll. tree trunk || Leg. Mangabeira || Date Coll. 1941 || Det. not informed || Date identification not informed.

1♂ || *Lutz. damasceni* (Mang. 1942) || Fonte Boa || Amazonas || Brazil || Loc. Coll. tree trunk Leg. Damasceno || Date Coll. 1944 || Det. not informed || Date identification not informed.

***Pintomyia christenseni* (Young & Duncan, 1994)**

Material examined: 3♀♀ || *Pintomyia christenseni* || Teodoro Sampaio || São Paulo || Brazil || Met. CDC || Leg. Nardi || Date Coll. 12-20-21-2008 || Det. Galati || Date identification not informed.

***Pintomyia serrana* (Damasceno & Arouck, 1949)**

Material examined: 1♂ || *Lutz. serrana* (Dam. & Ar., 1949) || Jampruca || Minas Gerais || Brazil || Loc. Coll. tree trunk || Leg. Barretto || Date Coll. 10-1955 || Det. not informed || Date identification not informed.

***Dampfomyia steatopyga* (Fairchild & Hertig, 1958)**

Material examined: 1♂ || *Phlebotomus steatopygus* F. & H. || Palenque || Chiapas || Mexico || Loc. Coll. ruined temple || Leg. Hartmann coll. || Date Coll. 03-28-1951 || Det. not informed || Date identification not informed.

1♀ || *Phlebotomus steatopygus* F. & H. || Palenque || Chiapas || Mexico || Loc. Coll. ruined temple || Leg. Fairchild & Hartmann || Date Coll. 03-28-1951 || Det. not informed || Date identification not informed.

***Dampfomyia isovespertilionis* (Fairchild & Hertig, 1958)**

Material examined: 1♂ || *Phlebotomus isovespertilionis* F. & H. || Rio del Medio || Gatun || Panama || Loc. Coll. tree trunk || Leg. Hartmann coll. || Date Coll. 10-16-1949 and 03-28-1951 || Det. not informed || Date identification not informed.

***Dampfomyia deleoni* (Fairchild & Hertig, 1947)**

Material examined: 1♂ || *Phlebotomus deleoni* || Vale Lancetilla || Tela || Honduras || Loc. Coll. tree trunk || Leg. Hills || Date Coll. 03-18-1954 || Det. Fairchild & Hertig || Date identification not informed.

***Dampfomyia beltrani* (Vargas & Díaz-Nájera, 1951)**

Material examined: 1♂ || *Phlebotomus beltrani* V & DN || Palenque || Chiapas || Mexico || Loc. Coll. ruined temple || Leg. Hartmann coll. || Date Coll. 03-28-1951 || Det. not informed || Date identification not informed.

1♀ || *Phlebotomus beltrani* V & DN || Vale Lancetilla || Tela || Honduras || Met. light trap || Leg. Hills || Date Coll. 04-21-1954 || Det. not informed || Date identification not informed.

***Dampfomyia vesicifera* (Fairchild & Hertig, 1947)**

Material examined: 1♂ || *Phlebotomus vesiciferus* F. & H. || Almirante || Panama || Loc. Coll. rock cavity || Leg. Mejía || Date Coll. 11-02-1952 || Det. not informed || Date identification not informed.

1♀ || *Phlebotomus vesiciferus* F. & H. || Mojinga Swamp C.Z. || Panama || Met. light trap || Leg. F.S. Blanton || Date Coll. 09-05-1951 || Det. not informed || Date identification not informed.

***Dampfomyia vespertilionis* (Fairchild & Hertig, 1958)**

Material examined: 1♂ || *Phlebotomus vespertilionis* F. & H. || Cruces Trail || Panama || Loc. Coll. tree (Forest reserve) || Leg. Hertig || Date Coll. 10-18-1949 || Det. not informed || Date identification not informed.

***Expapillata firmatoi* (Barretto, Martins & Pelegrino, 1956)**

Material examined: 2♀♀ || *Expapillata firmatoi* || Teodoro Sampaio || São Paulo || Brazil || Met. CDC. || Leg. Nardi || Date Coll. 12-21-22-2008 || Det. not informed || Date identification not informed.

1♀ || *Expapillata firmatoi* || Cantareira || São Paulo || Brazil || Met. CDC. || Leg. CCZ (São Paulo) || Date Coll. 11-09-10-2009 || Det. Galati || Date ID 2010.

1♂ || *Lutz. ferreirana* (B, M & P., 1956) || Jampruca || Minas Gerais || Brazil || Loc. Coll. tree trunk || Leg. Barretto || Date Coll. 10-1955 || Det. not informed || Date identification not informed.

***Pressatia triacantha* (Mangabeira, 1942)**

Material examined: 2♂♂ || *Lutz. triacantha* (Mang., 1942) || Aurá || Belém || Pará || Brazil || Place and/or collection method not informed || Leg. Mangabeira || Date Coll. 1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. triacantha* (Mang., 1942) || Aurá || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Mangabeira || Date Coll. 1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. triacantha* (Mang., 1942) || Aurá || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Mangabeira || Date Coll. 1941 || Det. not informed || Date identification not informed.

1♂ || *Lutz. triacantha* (Mang., 1942) || Aurá || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Mangabeira || Date Coll. 10-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. triacantha* (Mang., 1942) || Água Preta || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Mangabeira || Date Coll. 10-1940 || Det. not informed || Date ID not informed.

2♂♂ || *Lutz. triacantha* (Mang., 1942) || Água Preta || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Mangabeira || Date Coll. 1941 || Det. not informed || Date identification not informed.

***Pressatia equatorialis* (Mangabeira, 1942)**

Material examined: 5♂♂ || *Lutz. equatorialis* (Mang. 42) || Bosque || Belém || Pará || Brazil || Loc. Coll. paca burrow || Leg. Mangabeira || Date Coll. 08-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. equatorialis* (Mang. 42) || Bosque || Belém || Pará || Brazil || Loc. Coll. paca burrow || Leg. Mangabeira || Date Coll. 01-1941 || Det. not informed || Date identification not informed.

***Pressatia trispinosa* (Mangabeira, 1942)**

Material examined: 3♂♂ || *Lutz. trispinosa* (Mang., 1942) || Água Preta || Pará || Brazil || Loc. Col Armadillo burrow || Leg. Mangabeira || Date Coll. 1941 || Det. not informed || Date identification not informed.

1♂ || *Lutz. trispinosa* (Mang., 1942) || Aurá || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Mangabeira || Date Coll. 02-1944 || Det. not informed || Date identification not informed.

3♂♂ || *Lutz. trispinosa* (Mang., 1942) || Aurá (Belém-Pará) || Brazil || Loc. Col Armadillo burrow || Leg. Mangabeira || Date Coll. 1940 || Det. not informed || Date identification not informed.

***Pressatia choti* (Floch & Abonnenc, 1941)**

Material examined: 1♂ || *Phl. choti* 516 || Maranhão de Brotas (Bahia) || Brazil || Loc. Coll. armadillo hole || Leg. Domingos, Tomé e Afonso || Date Coll. 09-05-1960 || Det. Sherlock e Ireneid || Date ID 12-1960.

1♂ || *Phl. choti* 510 || Maranhão de Brotas (Bahia) || Brazil || Loc. Coll. armadillo hole || Leg. Domingos, Tomé e Afonso || Date Coll. 08-22-1960 || Det. Sherlock e Ireneid || Date ID 12-1960.

1♂ || *Phl. choti* 486 || Maranhão de Brotas (Bahia) || Brazil || Loc. Coll. armadillo hole || Leg. Domingos e Afonso || Date Coll. 09-05-1960 || Det. Sherlock e Ireneid || Date ID 12-1960.

1♂ || *Phl. choti* 289 || Maranhão de Brotas (Bahia) || Brazil || Loc. Coll. armadillo hole || Leg. Domingos, Afonso e Walter || Date Coll. 01-05-1960 || Det. Sherlock || Date ID 01-1960.

1♂ || *Phl. choti* 229 || Maranhão de Brotas (Bahia) || Brazil || Loc. Coll. armadillo hole || Leg. Domingos, Claudia e Afonso || Date Coll. 03/11/1959 || Det. Sherlock || Date ID 01-1960.

10♂♂ || *Lutz. choti* (Fl. & Ab., 1941) || Montjoly || French Guiana || Place and/or collection method not informed || Leg. Floch || Date Coll. 1944 || Det. not informed || Date identification not informed.

2♀♀ || *Lutz. choti* (Fl. & Ab., 1941) || Montjoly || French Guiana || Place and/or collection method not informed || Leg. Floch || Date Coll. 1944 || Det. not informed || Date identification not informed.

5♂♂ || *Lutz. choti* (Fl. & Ab., 1941) || Bosque || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Mangabeira || Date Coll. 08-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. choti* (Fl. & Ab., 1941) || Belém || Pará || Brazil || Loc. Coll. tree trunk || Leg. Damasceno || Date Coll. 12-1942 || Det. not informed || Date identification not informed.

***Evandromyia lenti* (Mangabeira, 1938)**

Material examined: 5♂♂ || *Lutz. lenti* (Mang. 1938) || Arceburgo || Minas Gerais || Brazil || Loc. Coll. Armadillo burrow || Leg. Barretto || Date Coll. 12-1948 || Det. not informed || Date identification not informed.

2♀♀ || *Lutz. lenti* (Mang. 1938) || Arceburgo || Minas Gerais || Brazil || Loc. Coll. armadillo burrow || Leg. Barretto || Date Coll. 12-1948 || Det. not informed || Date identification not informed.

1♂ || *Lutzomyia lenti* || Coqueiros || São Paulo || Brazil || Loc. Coll. armadillo burrow || Leg. Barretto || Date Coll. 06-1953 || Det. Cotrim || Date ID 12-20-1971.

1♂ || *Lutz. lenti* (Mang. 1938) || Russas || Ceará || Brazil || Loc. Coll. trunk of oiticica || Leg. Mangabeira || Date Coll. 05-1940 || Det. not informed || Date identification not informed.

***Evandromyia bourrouli* (Barretto & Coutinho, 1941)**

Material examined: 1♂ || *Lutz. bourrouli* (Barr. & Cout. 41) || Palmeiras || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 03-1941 || Det. not informed || Date identification not informed.

2♀♀ || *Lutz. bourrouli* (Barr. & Cout. 41) || Palmeiras || São Paulo || Brazil || Met. m luz || Leg. Barretto & Coutinho || Date Coll. 03-1941 || Det. not informed || Date identification not informed.

***Evandromyia brachyphalla* (Mangabeira, 1941)**

Material examined: 2♂♂ || *Lutz. brachyphalla* (Mang. 41) || Água Preta || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 09-1943 || Det. not informed || Date identification not informed.

1♂ || *Lutz. brachyphalla* (Mang. 41) || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 09-1943 || Det. not informed || Date identification not informed.

***Evandromyia carmelinoi* (Ryan, Fraiha, Lainson & Shaw, 1986)**

1♂ || "*lenti*" || Monte Alegre || Pará || Brazil || Met. isca de cavalo || Leg. Damasceno || Date Coll. 02-1953 || Det. not informed || Date identification not informed.

***Evandromyia wilsoni* (Damasceno & Causey, 1945)**

Material examined: 1♂ || *Lutz. wilsoni* (Dam. & Caus., 1945) || Parintins || Amazonas || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 02-1944 || Det. not informed || Date identification not informed.

***Evandromyia teratodes* (Martins, Falcão & Silva, 1964)**

Material examined: 3♀♀ || *Evandromyia teratodes* || Teodoro Sampaio || São Paulo || Brazil || Met. CDC || Leg. Nardi || Date Coll. 12-21-22-2008 || Det. Galati || Date ID 2009.

***Evandromyia sericea* (Floch & Abonnenc, 1944)**

Material examined: 1♂ || *Lutz. deanei* (D.C. & A., 1945) || São Domingo || Pará || Brazil || Loc. Coll. Toca de Boa || Leg. Deane || Date Coll. 11-1943 || Det. not informed || Date identification not informed.

***Evandromyia monstrosa* (Floch & Abonnenc, 1944)**

Material examined: 4♂♂ || *Lutz. monstrosa* (Fl. & Ab., 1944) || Baduel || French Guiana || Place and/or collection method not informed || Leg. Floch || Date Coll. not informed || Det. not informed || Date identification not informed.

***Evandromyia sallesi* (Galvão & Coutinho, 1939)**

Material examined: 12♂♂ || *Lutz. sallesi* (Galv. & Cout., 1939) || Arceburgo || Minas Gerais || Brazil || Coll. loc. Skunk Nest || Leg. Barretto || Date Coll. 12-1943 || Det. not informed || Date identification not informed.

1♂ || *Lutz. sallesi* (Galv. & Cout., 1939) || Arceburgo || Minas Gerais || Brazil || Loc. Coll. Armadillo burrow || Leg. Barretto || Date Coll. 12-1943 || Det. not informed || Date identification not informed.

1♀ || *Lutz. sallesi* (Galv. & Cout., 1939) || Arceburgo || Minas Gerais || Brazil || Coll. loc. Skunk Nest || Leg. Barretto || Date Coll. 12-1943 || Det. not informed || Date identification not informed.

1♀ || *Lutz. sallesi* (Galv. & Cout., 1939) || Arceburgo || Minas Gerais || Brazil || Loc. Coll. armadillo burrow || Leg. Barretto || Date Coll. 12-1943 || Det. not informed || Date identification not informed.

3♂♂ || *Lutz. sallesi* (Galv. & Cout., 1939) || Arceburgo || Minas Gerais || Brazil || Loc. Coll. armadillo burrow || Leg. Barretto || Date Coll. 12-1943 || Det. Barretto || Date identification not informed.

1♂ || *Lutz. sallesi* (Galv. & Cout., 1939) || Jampruca || Minas Gerais || Brazil || Loc. Coll. tree trunk || Leg. Barretto || Date Coll. 10-1955 || Det. Barretto || Date identification not informed.

***Evandromyia infraspinosa* (Mangabeira, 1941)**

Material examined: 2♂♂ || *Lutz. infraspinosa* (Mang., 1941) || Aurá || Belém || Pará; Maute Mana || Brazil; Venezuela || Loc. Coll. armadillo Brow || Leg. Damasceno || Date Coll. 04-04-2011 || Det. note informed || Date identification not informed.

1♂ || *Lutz. infraspinosa* (Mang., 1941) || Maute Mana || Venezuela || Place and/or collection method not informed || Leg. Floch || Date Coll. 1940 || Det. not informed || Date identification not informed.

Evandromyia (Aldamyia) sp.

Material examined: 1♂ || *Evandromyia (Aldamyia)* || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Brazil || Met. CDC || Leg. Shimabukuro & Nascimento || Date Coll. 09-04-05-2011 || Det. Shimabukuro || Date ID 2012.

***Evandromyia evandroi* (Costa Lima & Antunes, 1936)**

Material examined: 3♂♂ || *Lutz. evandroi* (Lima & Ant. 1936) || Jacobina || Bahia || Brazil || Coll. loc. in domicile || Leg. Mangabeira || Date Coll. 01-1942 || Det. not informed || Date identification not informed.

1♂ || *Evandromyia* (*Aldamyia*) *evandroi* || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Met. CDC || Leg. Shimabukuro & Nascimento || Date Coll. 09-05-06-2011 || Det. Shimabukuro || Date ID 2012.

1♂ || *Lutz. evandroi* (Lima & Ant. 36) || Água Preta || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 03-1944 || Det. not informed || Date identification not informed.

3♂♂ || *Lutz. evandroi* (Lima & Ant. 36) || Massapê || Ceará || Brazil || Coll. loc. in domicile || Coll. Deane || Date Coll. not informed || Leg. Barretto || Date identification not informed.

***Evandromyia saulensis* (Floch & Abonnenc, 1944)**

Material examined: 1♂ || *Lutz. saulensis* (Fl. & Abon., 1944) || Irituia || Pará || Brazil || Loc. Coll. tree trunk || Leg. Damasceno || Date Coll. 02-1940 || Det. not informed || Date identification not informed.

***Evandromyia edwardsi* (Mangabeira, 1942)**

Material examined: 8♂♂ || *Lutz. edwardsi* (Mang. 1941) || Itatiaia || Rio de Janeiro || Brazil || Met. in light || Leg. Zikan || Date Coll. 03-1945 || Det. not informed || Date identification not informed.

1♂ || *Lutz. edwardsi* (Mang. 1941) || Imbiara || Rio de Janeiro || Brazil || Loc. Coll. armadillo burrow || Leg. Frutuoso || Date Coll. 08-1945 || Det. not informed || Date identification not informed.

6♀♀ || *Lutz. edwardsi* (Mang. 1941) || Itatiaia || Rio de Janeiro || Brazil || Met. in light || Leg. Zikan || Date Coll. 03-1945 || Det. not informed || Date identification not informed.

1♀ || *Lutz. edwardsi* (Mang. 1941) || Itatiaia || Rio de Janeiro || Brazil || Coll. loc. in domicile || Leg. Zikan || Date Coll. 02-1945 || Det. Barretto || Date identification not informed.

1♀ || *Lutz. edwardsi* (Mang. 1941) || São José dos Campos || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 03-1941 || Det. not informed || Date identification not informed.

1♀ || *Lutz. edwardsi* (Mang. 1941) || Mogi das Cruzes || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 12-1940 || Det. not informed || Date identification not informed.

***Evandromyia tupynambai* (Mangabeira, 1942)**

Material examined: 2♂♂ || *Phlebotomus tupynambai* || Maranhão de Brotas || Bahia || Brazil || Place and/or collection method not informed || Leg. Domingos & Tomé || Date Coll. 10-08-1959 || Det. Sherlock || Date identification not informed.

1♂ || *Phlebotomus tupynambai* || Maranhão de Brotas || Bahia || Brazil || Loc. Coll. armadillo hole || Leg. Domingos, Afonso & Tomé || Date Coll. 1960 || Det. Sherlock || Date identification not informed.

1♂ || *Phlebotomus tupynambai* || Brotas || Bahia || Brazil || Loc. Coll. armadillo hole || Leg. Domingos, Afonso & Tomé || Date Coll. not informed || Det. Sherlock || Date identification not informed.

1♂ || *Phlebotomus tupynambai* || Brotas || Bahia || Brazil || Loc. Coll. armadillo hole || Leg. Domingos, Afonso & Walter || Date Coll. 11-20-1959 || Det. Sherlock || Date identification not informed.

1♂ || *Phlebotomus tupynambai* || Brotas || Bahia || Brazil || Loc. Coll. armadillo hole || Leg. Domingos & Afonso || Date Coll. 12-02-1950 || Det. Sherlock || Date identification not informed.

1♂ || *Phlebotomus tupynambai* || Brotas || Bahia || Brazil || Loc. Coll. armadillo hole || Leg. Domingos & Afonso || Date Coll. 11-09-1959 || Det. Sherlock || Date identification not informed.

1♂ || *Phlebotomus tupynambai* || Valéria || Bahia || Brazil || Loc. Coll. armadillo hole || Leg. Domingos, Afonso & Walter || Date Coll. 11-10-1959 || Det. Sherlock || Date identification not informed.

1♂ || *Phlebotomus tupynambai* || Salvador || Bahia || Brazil || Loc. Coll. armadillo hole || Leg. Domingos, Afonso & Walter || Date Coll. 01-07-1950 || Det. Sherlock || Date identification not informed.

2♂♂ || *Lutz. tupynambai* (Mang. 1942) || Jampruca || Minas Gerais || Brazil || Loc. Coll. tree trunk || Leg. Barretto || Date Coll. 10-1955 || Det. not informed || Date identification not informed.

***Trichopygomyia dasypodogeton* (Castro, 1939)**

Material examined: 6♂♂ || *Lutz. dasypodogeton* (Castro, 39) || Catu || Belém || Pará || Brazil || Loc. Coll. Armadillo burrow || Leg. Mangabeira || Date Coll. 1941 || Det. not informed || Date identification not informed.

3♂♂ || *Lutz. dasypodogeton* (Castro, 39) || Aurá || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Mangabeira || Date Coll. 1941 || Det. not informed || Date identification not informed.

***Trichopygomyia longispina* (Mangabeira, 1942)**

Material examined: 1♂ || *Phl. longispinus* – 112 || Cachoeira || Bahia || Brazil || Loc. Coll. armadillo hole || Leg. Afonso || Date Coll. 07-07-1959 || Det. Sherlock & Leal || Date ID 10-1959.

1♂ || *Phl. longispinus* – 113 || Cachoeira || Bahia || Brazil || Loc. Coll. armadillo hole || Leg. Afonso || Date Coll. 07-07-1959 || Det. Sherlock & Leal || Date ID 10-1959.

1♂ || *Phl. longispinus* – 114 || Cachoeira || Bahia || Brazil || Loc. Coll. armadillo hole || Leg. Afonso || Date Coll. 07-07-1959 || Det. Sherlock & Leal || Date ID 10-1959.

1♂ || *Phl. longispinus* – 115 || Cachoeira || Bahia || Brazil || Loc. Coll. armadillo hole || Leg. Afonso || Date Coll. 07-07-1959 || Det. Sherlock & Leal || Date ID 10-1959.

1♂ || *Phl. longispinus* – 116 || Cachoeira || Bahia || Brazil || Loc. Coll. armadillo hole || Leg. Afonso || Date Coll. 07-07-1959 || Det. Sherlock & Leal || Date ID 10-1959.

11♂♂ || *Lutz. longispina* (Mang. 42) || Aurá || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 06-1941 || Det. not informed || Date identification not informed.

2♂♂ || *Lutz. longispina* (Mang. 42) || Aurá || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 05-1941 || Det. not informed || Date identification not informed.

1♂ || *Lutz. longispina* (Mang. 42) || Aurá || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 07-1941 || Det. not informed || Date identification not informed.

5♂♂ || *Lutz. longispina* (Mang. 42) || Catu || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 07-1941 || Det. not informed || Date identification not informed.

3♂♂ || *Lutz. longispina* (Mang. 42) || Catu || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 05-1941 || Det. not informed || Date identification not informed.

1♂ || *Lutz. longispina* (Mang. 42) || Catu || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Mangabeira || Date Coll. 1941 || Det. not informed || Date identification not informed.

***Trichopygomyia trichopyga* (Floch & Abonnenc, 1945)**

Material examined: 1♂ || *Trichopygomyia trichopyga* || Estação Ecológica Pau-Brazil || Porto Seguro || Bahia || Brazil || Met. Malaise || Leg. C.O. Azevedo e eq. cols || Date Coll. 05-17-2002 || Det. Shimabukuro || Date ID 2012.

SUBTRIBE PSYCHODOPYGINA

Bichromomyia flaviscutellata (Mangabeira, 1942)

Material examined: 5♂♂ || *Lutz. flaviscutellata* (Mang. 1926) || Bosque || Belém || Pará || Brazil || Loc. Coll. tree trunk || Leg. Damasceno || Date Coll. 04-1943 || Det. not informed || Date identification not informed.

1♂ || *Lutz. flaviscutellata* (Mang. 1926) || Aurá || Belém || Pará || Brazil || Loc. Coll. tree trunk || Leg. Damasceno || Date Coll. 02-1944 || Det. not informed || Date identification not informed.

1♂ || *Lutz. flaviscutellata* (Mang. 1926) || Baduel || French Guiana || Place and/or collection method not informed || Leg. Floch || Date Coll. not informed || Det. not informed || Date identification not informed.

1♀ || *Lutz. flaviscutellata* (Mang. 1926) || Belém || Pará || Brazil || Met. in light || Leg. Deane || Date Coll. not informed || Det. not informed || Date identification not informed.

8♀♀ || *Bichromomyia flaviscutellata* || Reserva do Sapiranga || Mata de São João || Bahia || Brazil || Met. Malaise || Leg. M.T. Tavares e eq., cols. || Date Coll. 07-22-25-2001 || Det. Shimabukuro || Date ID 2012.

8♀♀ || *Bichromomyia flaviscutellata* || Reserva do Sapiranga || Mata de São João || Bahia || Brazil || Met. Malaise || Leg. M.T. Tavares e eq., cols. || Date Coll. 07-19-22-2001 || Det. Shimabukuro || Date ID 2012.

1♂ || *Bichromomyia flaviscutellata* || Reserva do Sapiranga || Mata de São João || Bahia || Met. Brazil || Malaise || Leg. M.T. Tavares e eq., cols. || Date Coll. 07-19-22-2001 || Det. Shimabukuro || Date ID 2012.

1♂ || *Bichromomyia flaviscutellata* || Reserva do Sapiranga || Mata de São João || Bahia || Met. Brazil || Malaise || Leg. M.T. Tavares e eq., cols. || Date Coll. 07-22-25-2001 || Det. Shimabukuro || Date ID 2012.

5♂♂ || *Bichromomyia flaviscutellata* || Reserva do Sapiranga || Mata de São João || Bahia || Brazil || Met. Malaise || Leg. M.T. Tavares e eq., cols. || Date Coll. 07-21-25-2001 || Det. Shimabukuro || Date ID 2012.

13♀♀ || *Bichromomyia flaviscutellata* || Reserva do Sapiranga || Mata de São João || Bahia || Brazil || Met. Malaise || Leg. M.T. Tavares e eq., cols. || Date Coll. 07-21-25-2001 || Det. Shimabukuro || Date ID 2012.

3♂♂ || *Bichromomyia flaviscutellata* || Estação Ecológica Juréia-Itatins || Peruíbe || São Paulo || Brazil || Met. Malaise || Leg. M.W. Peixoto e eq., cols. || Date Coll. 05-03-2002 || Det. Shimabukuro || Date ID 2012.

3♂♂ || *Bichromomyia flaviscutellata* || Estação Ecológica Juréia-Itatins || Peruíbe || São Paulo || Brazil || Met. Malaise || Leg. M.W. Peixoto e eq., cols. || Date Coll. 05-06-2001 || Det. Shimabukuro || Date ID 2012.

4♀♀ || *Bichromomyia flaviscutellata* || Estação Ecológica Juréia-Itatins || Peruíbe || São Paulo || Brazil || Met. Malaise || Leg. M.W. Peixoto e eq., cols. || Date Coll. 05-06-2001 || Det. Shimabukuro || Date ID 2012.

1♂ || *Bichromomyia flaviscutellata* || Parque Nacional Chapada dos Guimarães || Chapada Dos Guimarães || Mato Grosso || Brazil || Met. CDC || Coll. Shimabukuro, PHF & Silva-Neto, A.M. || Date Coll. 01-18-19-2012 || Leg. Shimabukuro || Date ID 2012.

1♀ || *Bichromomyia flaviscutellata* || Parque Nacional Chapada dos Guimarães || Chapada Dos Guimarães || Mato Grosso || Brazil || Met. CDC || Coll. Shimabukuro, PHF & Silva-Neto, A.M. || Date Coll. 01-18-19-2012 || Leg. Shimabukuro || Date ID 2012.

1♀ || *Bichromomyia flaviscutellata* || Estação Biológica Santa Lucia || Santa Teresa || Espírito Santo || Brazil || Met. Malaise || Leg. C.O. Azevedo e eq., cols. || Date Coll. 04-06-09-2001 || Det. Shimabukuro || Date ID 2012.

2♀♀ || *Bichromomyia flaviscutellata* || Santa Luzia do Itanhy || Crasto || Sergipe || Brazil || Met. Malaise || Leg. M.T. Tavares e eq., cols. || Date Coll. 07-28-2001 and 08-2001 || Det. Shimabukuro || Date ID 2012.

2♀♀ || *Bichromomyia flaviscutellata* || Santa Luzia do Itanhy || Crasto || Sergipe || Brazil || Met. Malaise || Leg. M.T. Tavares e eq., cols. || Date Coll. 08-01-04-2001 || Det. Shimabukuro || Date ID 2012.

1♂ || *Bichromomyia flaviscutellata* || Santa Luzia do Itanhy || Crasto || Sergipe || Brazil || Met. Malaise || Leg. M.T. Tavares e eq., cols. || Date Coll. 08-01-04-2001 || Det. Shimabukuro || Date ID 2012.

1♀ || *Bichromomyia flaviscutellata* || Santa Luzia do Itanhy || Crasto || Sergipe || Brazil || Met. Malaise || Leg. M.T. Tavares e eq., cols. || Date Coll. 07-29-2001 and 08-2001 || Det. Shimabukuro || Date ID 2012.

2♂♂ || *Bichromomyia flaviscutellata* || Mata Esperança || Ilhéus || Bahia || Brazil || Met. Malaise || Leg. not informed || Date Coll. 05-15-18-2002 || Det. Shimabukuro || Date ID 2012.

1♀ || *Bichromomyia flaviscutellata* || Mata Esperança || Ilhéus || Bahia || Brazil || Met. Malaise || Leg. not informed || Date Coll. 05-15-18-2002 || Det. Shimabukuro || Date ID 2012.

1♀ || *Bichromomyia flaviscutellata* || Estação Ecológica Pau-Brazil || Porto Seguro || Bahia || Brazil || Met. Malaise || Leg. C.O. Azevedo e eq., cols. || Date Coll. 05-20-2002 and 08-2001 || Det. Shimabukuro || Date ID 2012.

2♀♀ || *Bichromomyia flaviscutellata* || Estação Ecológica Pau-Brazil || Porto Seguro || Bahia || Brazil || Met. Malaise || Leg. C.O. Azevedo e eq., cols. || Date Coll. 05-17-2002 || Det. Shimabukuro || Date ID 2012.

21♂♂ || *Bichromomyia flaviscutellata* || Estação Ecológica Pau-Brazil || Porto Seguro || Bahia || Brazil || Met. Malaise || Leg. C.O. Azevedo e eq., cols. || Date Coll. 05-17-2002 || Det. Shimabukuro || Date ID 2012.

7♂♂ || *Bichromomyia flaviscutellata* || Estação Ecológica Juréia-Itatins || Peruíbe || São Paulo || Brazil || Met. Malaise || Leg. N.W. Perioto e eq., cols. || Date Coll. 05-05-2002 || Det. Shimabukuro || Date ID 2012.

1♀ || *Bichromomyia flaviscutellata* || Estação Ecológica Juréia-Itatins || Peruíbe || São Paulo || Brazil || Met. Malaise || Leg. N.W. Perioto e eq., cols. || Date Coll. 05-05-2002 || Det. Shimabukuro || Date ID 2012.

9♀♀ || *Bichromomyia flaviscutellata* || Estação Ecológica Juréia-Itatins || Peruíbe || São Paulo || Brazil || Met. Malaise || Leg. N.W. Perioto e eq., cols. || Date Coll. 05-03-2002 || Det. Shimabukuro || Date ID 2012.

20♂♂ || *Bichromomyia flaviscutellata* || Estação Ecológica Juréia-Itatins || Peruíbe || São Paulo || Brazil || Met. Malaise || Leg. N.W. Perioto e eq., cols. || Date Coll. 05-03-2002 || Det. Shimabukuro || Date ID 2012.

5♂♂ || *Bichromomyia flaviscutellata* || Estação Ecológica Juréia-Itatins || Peruíbe || São Paulo || Brazil || Met. Malaise || Leg. N.W. Perioto e eq., cols. || Date Coll. 05-06-2002 || Det. Shimabukuro || Date ID 2012.

3♀♀ || *Bichromomyia flaviscutellata* || Estação Ecológica Juréia-Itatins || Peruíbe || São Paulo || Brazil || Met. Malaise || Leg. N.W. Perioto e eq., cols. || Date Coll. 05-06-2002 || Det. Shimabukuro || Date ID 2012.

1♂ || *Bichromomyia flaviscutellata* || Reserva Biológica Pedra Talhada || Quebrangulo || Alagoas || Brazil || Met. Malaise || Leg. Pentead-Dias e eq., cols. || Date Coll. 09-08-11-2002 || Det. Shimabukuro || Date ID 2012.

1♂ || *Bichromomyia flaviscutellata* || Parque Estadual Serra do Mar || Uberaba || Brazil || Met. Malaise || Leg. N.W. Perioto e eq., cols. || Date Coll. 01-24-2002 || Det. Shimabukuro || Date ID 2012.

1♀ || *Bichromomyia flaviscutellata* || PNSE || Mâncio Lima || Acre || Brazil || Met. Malaise || Leg. L. Meneses, Coll. || Date Coll. 07-05-2007 || Det. Shimabukuro || Date ID 2012.

1♀ || *Bichromomyia flaviscutellata* || Parque dos Dois Irmãos || Recife || Pernambuco || Brazil || Met. Malaise || Leg. S.T.P. Amarante e eq., cols. || Date Coll. 07-20-23-2002 || Det. Shimabukuro || Date ID 2012.

1♀ || *Bichromomyia flaviscutellata* || Reserva do Sapiranga || Mata de São João || Bahia || Brazil || Met. Malaise || Leg. M.T. Tavares e eq., cols. || Date Coll. 22-07-25-2001 || Det. Shimabukuro || Date ID 2012.

6♂♂ || *Lutz. dasypodogeton* (Castro, 39) || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 05-1941 || Det. not informed || Date identification not informed.

***Martinsmyia alphabetica* (Fonseca, 1936)**

Material examined: 4♀♀ || *Lutz. alphabetica* (Fons. 1936) || Jaraguá || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 09-1940 || Det. not informed || Date identification not informed.

3♀♀ || *Lutz. alphabetica* (Fons. 1936) || Cantareira || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 06-1940 || Det. not informed || Date identification not informed.

5♀♀ || *Martinsmyia alphabetica* || Jundiaí || São Paulo || Brazil || Met. CDC (Forest) || Leg. CCZ (Jundiaí) || Date Coll. 12-23-2010 || Det. Galati || Date ID 2011.

5♂♂ || *Lutz. alphabetica* (Fons. 1936) || Jaraguá || São Paulo || Brazil || Place and/or collection method not informed || Leg. Barretto || Date Coll. 1940 || Det. not informed || Date identification not informed.

***Martinsmyia minasensis* (Mangabeira, 1942)**

Material examined: 1♂ || *Lutz. minasensis* (Mang., 1942) || Januária || Minas Gerais || Brazil || Loc. Coll. tree trunk || Leg. Mangabeira || Date Coll. 1942 || Det. Barretto || Date identification not informed.

***Martinsmyia oliveirai* (Martins, Silva & Falcão, 1970)**

Material examined: 6♂♂ || *Martinsmyia oliveirai* || Bonito || Mato Grosso do Sul || Brazil || Met. CDC || Leg. Galati || Date Coll. 07-20-29-2008 || Det. Galati || Date ID 2010.

2♀♀ || *Martinsmyia oliveirai* || Bonito || Mato Grosso do Sul || Brazil || Met. CDC || Leg. Galati || Date Coll. 07-20-29-2008 || Det. Galati || Date ID 2010.

***Nyssomyia anduzei* (Rozeboom, 1942)**

Material examined: 5♀♀ || *Lutz. anduzei* (Roz. 1942) || Rorota || French Guiana || Place and/or collection method not informed || Leg. Floch || Date Coll. not informed || Det. not informed || Date identification not informed.

1♀ || *Lutz. anduzei* (Roz. 1942) || Restrepo || French Guiana || Place and/or collection method not informed || Leg. Floch || Date Coll. not informed || Det. not informed || Date identification not informed.

2♀♀ || *Lutz. anduzei* (Roz. 1942) || Cayenne || French Guiana || Place and/or collection method not informed || Leg. Floch || Date Coll. not informed || Det. not informed || Date identification not informed.

3♀♀ || *Lutz. anduzei* (Roz. 1942) || Hte. Mana || French Guiana || Place and/or collection method not informed || Leg. Floch || Date Coll. not informed || Det. not informed || Date identification not informed.

1♀ || *Lutz. anduzei* (Roz. 1942) || Aurá || Belém || Pará || Brazil || Loc. Coll. tree trunk || Leg. Damasceno || Date Coll. 03-1944 || Det. not informed || Date identification not informed.

1♂ || *Lutz. anduzei* (Roz. 1942) || Cayenne || French Guiana || Place and/or collection method not informed || Leg. Floch || Date Coll. not informed || Det. not informed || Date identification not informed.

***Nyssomyia antunesi* (Coutinho, 1939)**

Material examined: 3♂♂ || *Lutz. antunesi* (Cout. 1939) || Aurá || Belém || Pará || Brazil || Loc. Coll. tree trunk || Leg. Damasceno || Date Coll. 06-1941 || Det. not informed || Date identification not informed.

4♂♂ || *Lutz. antunesi* (Cout. 1939) || Aurá || Belém || Pará || Brazil || Loc. Coll. tree trunk || Leg. Mangabeira || Date Coll. 02-1940 || Det. not informed || Date identification not informed.

2♂♂ || *Lutz. antunesi* (Cout. 1939) || Parintins || Amazonas || Brazil || Loc. Coll. tree trunk || Leg. Damasceno || Date Coll. 03-1944 || Det. not informed || Date identification not informed.

3♂♂ || *Lutz. antunesi* (Cout. 1939) || Tocunduba || Pará || Brazil || Loc. Coll. tree trunk || Leg. Mangabeira || Date Coll. 1941 || Det. not informed || Date identification not informed.

1♂ || *Lutz. antunesi* (Cout. 1939) || João Coelho || Pará || Brazil || Loc. Coll. tree trunk || Leg. Damasceno || Date Coll. 02-1943 || Det. not informed || Date identification not informed.

***Nyssomyia intermedia* (Lutz & Neiva, 1912)**

Material examined: 11♂♂ || *Lutz. intermedia* (L & N, 1912) || Ribeirão Preto || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 10-1953 || Det. not informed || Date identification not informed.

2♀♀ || *Lutz. intermedia* (L & N, 1912) || Cantareira || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 05-1944 || Det. not informed || Date identification not informed.

1♂ || *Lutz. intermedia* (L & N, 1912) || Jampruca || Minas Gerais || Brazil || Met. in light || Leg. Barretto || Date Coll. 10-1955 || Det. not informed || Date identification not informed.

1♀ || *Lutz. intermedia* (L & N, 1912) || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Matos || Date Coll. 05-1950 || Det. not informed || Date identification not informed.

***Nyssomyia neivai* (Pinto, 1926)**

Material examined: 4♂♂ || *Lutz. intermedia* (L & N, 1912) || São José dos Campos || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 10-1940 || Det. not informed || Date identification not informed.

3♂♂ || *Lutz. intermedia* (L & N, 1912) || Ribeirão Preto || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 10-1953 || Det. not informed || Date identification not informed.

1♂ || *Lutz. intermedia* (L & N, 1912) || Mogi das Cruzes || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 12-1940 || Det. not informed || Date identification not informed.

2♀♀ || *Phlebotomus* || Municipality, State, not informed || Country not informed || Place and/or collection method not informed || Leg. Barretto & Coutinho || Date Coll. not informed || Det. not informed || Date identification not informed.

2♂♂ || *Nyssomyia neivai* || Fazenda Califórnia || Bodoquena || Mato Grosso do Sul || Brazil || Met. CDC || Leg. Shimabukuro & Nascimento || Date Coll. 08-07-08-2011 || Det. Shimabukuro || Date ID 2012.

***Nyssomyia umbratilis* (Ward & Fraiha, 1977)**

Material examined: 3♂♂ || *Nyssomyia umbratilis* || Manaus || Amazonas || Brazil || Met. CDC (Reserva Adolfo Ducke) || Leg. Shimabukuro || Date Coll. 08-10-2009 || Det. Galati || Date ID 2010.

2♀♀ || *Nyssomyia umbratilis* || Manaus || Amazonas || Brazil || Met. CDC (Reserva Adolfo Ducke) || Leg. Shimabukuro || Date Coll. 08-10-2009 || Det. Galati || Date ID 2010.

***Nyssomyia whitmani* (Antunes & Coutinho, 1939)**

Material examined: 2♂♂ || *Phlebotomus whitmani* (Ant. & Cout., 1939) || Pé de Serra || Ceará || Brazil || Coll. loc. in domicile || Leg. Deane || Date Coll. 02-1957 || Det. not informed || Date identification not informed.

1♂ || *Phlebotomus whitmani* (Ant. & Cout., 1939) || Arcerburgo || Minas Gerais || Brazil || Met. in light || Leg. Barretto || Date Coll. 04-1944 || Det. not informed || Date identification not informed.

3♂♂ || *Phlebotomus whitmani* (Ant. & Cout., 1939) || Canavieiros || Bahia || Brazil || Loc. Coll. Cural || Leg. not informed || Date Coll. 12-16-1966 || Det. Neide Guitton || Date ID 01-18-1967.

2♀♀ || *Nyssomyia whitmani* || Teodoro Sampaio || São Paulo || Brazil || Met. CDC || Leg. Nardi || Date Coll. 12-21-22-2009 || Det. Galati || Date identification not informed.

2♀♀ || *Lutz. whitmani* (Ant. & Cout., 1939) || Nazaré || Pernambuco || Brazil || Met. in light || Leg. Coutinho || Date Coll. 08-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. whitmani* (Ant. & Cout., 1939) || Nazaré || Pernambuco || Brazil || Met. in light || Leg. Coutinho || Date Coll. 08-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. whitmani* (Ant. & Cout., 1939) || Coqueiros || São Paulo || Brazil || Loc. Coll. oco de árvore || Leg. Barretto || Date Coll. 03-1953 || Det. not informed || Date identification not informed.

1♂ || *Lutz. whitmani* (Ant. & Cout., 1939) || Cantareira || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 10-1940 || Det. not informed || Date identification not informed.

2♀♀ || *Lutz. whitmani* (Ant. & Cout., 1939) || Cantareira || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 10-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. whitmani* (Ant. & Cout., 1939) || Martinópolis || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 10-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. whitmani* (Ant. & Cout., 1939) || Martinópolis || São Paulo || Brazil || Met. in light || Leg. Coutinho || Date Coll. 09-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. whitmani* (Ant. & Cout., 1939) || Martinópolis || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 02-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. whitmani* (Ant. & Cout., 1939) || Queiroz || São Paulo || Brazil || Met. dog bait || Leg. Cotrim || Date Coll. 10-1939 || Det. not informed || Date identification not informed.

1♂ || *Lutz. whitmani* (Ant. & Cout., 1939) || Queiroz || São Paulo || Brazil || Met. in light || Leg. Pêsoa || Date Coll. 02-1940 || Det. not informed || Date identification not informed.

2♂♂ || *Lutz. whitmani* (Ant. & Cout., 1939) || Queiroz || São Paulo || Brazil || Met. human bait || Leg. Pêsoa || Date Coll. 08-1939 || Det. not informed || Date identification not informed.

1♂ || *Lutz. whitmani* (Ant. & Cout., 1939) || Queiroz || São Paulo || Brazil || Met. dog bait || Leg. Barretto & Coutinho || Date Coll. 12-1939 || Det. not informed || Date identification not informed.

1♂ || *Lutz. whitmani* (Ant. & Cout., 1939) || Queiroz || São Paulo || Brazil || Met. dog bait || Leg. Cotrim || Date Coll. 10-1939 || Det. not informed || Date identification not informed.

1♂ || *Lutz. whitmani* (Ant. & Cout., 1939) || Queiroz || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 02-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. whitmani* (Ant. & Cout., 1939) || Queiroz || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 03-1940 || Det. not informed || Date identification not informed.

5♂♂ || *Nyssomyia whitmani* || Base de estudos do Pantanal, UFMS || Corumbá || Mato Grosso do Sul || Brazil || Met. CDC || Leg. Shimabukuro & Nascimento || Date Coll. 08-04-05-2011 || Det. Shimabukuro || Date ID 2012.

1♂ || *Nyssomyia whitmani* || Base de estudos do Pantanal, UFMS || Corumbá || Mato Grosso do Sul || Brazil || Met. CDC || Leg. Shimabukuro & Nascimento || Date Coll. 08-03-04-2011 || Det. Shimabukuro || Date ID 2012.

***Trichophoromyia auraensis* (Mangabeira, 1942)**

Material examined: 1♂ || *Lutz. auraensis* (Mang. 1942) || Aurá || Pará || Brazil || Loc. Coll. Armadillo burrow || Leg. Damasceno || Date Coll. 10-1944 || Det. Barretto || Date identification not informed.

***Trichophoromyia meirai* (Causey & Damasceno, 1945)**

Material examined: 1♂ || *Lutz. meirai* (Caus. & Dam., 1945) || Benjamim Constant || Amazonas || Brazil || Loc. Coll. tree trunk || Leg. Damasceno || Date Coll. 05-1943 || Det. not informed || Date identification not informed.

***Trichophoromyia ubiquitalis* (Mangabeira, 1942)**

Material examined: 32♂♂ || *Lutz. ubiquitalis* (Mang., 1942) || Catu || Belém || Pará || Brazil || Loc. Coll. Armadillo burrow || Leg. Damasceno || Date Coll. 05-1941 || Det. not informed || Date identification not informed.

1♀ || *Lutz. ubiquitalis* (Mang., 1942) || Catu || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 05-1941 || Det. not informed || Date identification not informed.

8♂♂ || *Lutz. ubiquitalis* (Mang., 1942) || Aurá || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 04-1941 || Det. not informed || Date identification not informed.

1♂ || *Lutz. ubiquitalis* (Mang., 1942) || Aurá || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 04-1944 || Det. not informed || Date identification not informed.

1♀ || *Lutz. ubiquitalis* (Mang., 1942) || Aurá || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 04-1941 || Det. not informed || Date identification not informed.

5♂♂ || *Lutz. ubiquitalis* (Mang., 1942) || Água Preta || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 04-1941 || Det. not informed || Date identification not informed.

5♀♀ || *Lutz. ubiquitalis* (Mang., 1942) || Água Preta || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 04-1941 || Det. not informed || Date identification not informed.

3♂♂ || *Lutz. ubiquitalis* (Mang., 1942) || Balourou || French Guiana || Place and/or collection method not informed || Leg. Floch || Date Coll. not informed || Det. not informed || Date identification not informed.

1♂ || *Trichophoromyia ubiquitalis* || Base de Proteção Etnoambiental Suruwahá || Tapauá || Amazonas || Brazil || Met.CDC || Leg. Shimabukuro || Date Coll. 02-20-21-2012 || Det. Shimabukuro || Date ID 2012.

***Trichophoromyia brachipyga* (Mangabeira, 1942)**

Material examined: 8♂♂ || *Lutz. brachipyga* (Mang., 1942) || Aurá || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 04-1944 || Det. not informed || Date identification not informed.

1♂ || *Lutz. brachipyga* (Mang., 1942) || Belém || Pará || Brazil || Loc. Coll. toca de cotia || Leg. Damasceno || Date Coll. 04-1944 || Det. not informed || Date identification not informed.

***Trichophoromyia melloi* (Causey & Damasceno, 1945)**

Material examined: 1♂ || *Lutz. melloi* (Cau. & Dam., 45) || Coari || Amazonas || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 02-1945 || Det. not informed || Date identification not informed.

***Trichophoromyia octavioi* (Vargas, 1949)**

Material examined: 2♂♂ || *Lutz. octavioi* (Vargas, 1949) || Coari || Amazonas || Loc. Coll. paca burrow || Leg. Damasceno || Date Coll. 04-1943 || Det. not informed || Date identification not informed.

1♂ || *Lutz. octavioi* (Vargas, 1949) || Fonte Boa || Amazonas || Loc. Coll. paca burrow || Leg. Damasceno || Date Coll. 04-1943 || Det. not informed || Date identification not informed.

1♂ || *Lutz. affinis* (Mang. 1942) || Fonte Boa || Amazonas || Loc. Coll. paca burrow || Leg. Damasceno || Date Coll. 10-1944 || Det. not informed || Date identification not informed.

Psychodopygus série Chagasi

Material examined: 4♀♀ || *Psychodopygus série Chagasi* || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Brazil || Met. CDC || Leg. Shimabukuro, P.H.F. & Silva-Neto, A.M. || Date Coll. 01-16-17-2012 || Det. Shimabukuro || Date ID 2012.

4♀♀ || *Psychodopygus* série Chagasi || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Brazil || Met. CDC || Leg. Shimabukuro, P.H.F. & Silva-Neto, A.M. || Date Coll. 01-18-19-2012 || Det. Shimabukuro || Date ID 2012.

1♀ || *Psychodopygus* série Chagasi || Vale da Benção || Chapada dos Guimarães || Mato Grosso || Brazil || Met. CDC || Leg. Dios, R. || Date Coll. 01-22-2012 || Det. Shimabukuro || Date ID 2012.

1♀ || *Psychodopygus* série Chagasi || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Brazil || Met. CDC || Leg. Shimabukuro, P.H.F. & Silva-Neto, A.M. || Date Coll. 01-19-20-2012 || Det. Shimabukuro || Date ID 2012.

1♀ || *Psychodopygus* série Chagasi || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Brazil || Met. CDC || Leg. Shimabukuro, P.H.F. & Silva-Neto, A.M. || Date Coll. 01-20-21-2012 || Det. Shimabukuro || Date ID 2012.

***Psychodopygus ayrozai* (Barretto & Coutinho, 1940)**

Material examined: 10♂♂ || *Lutz. ayrozai* (Bar. & Cout., 40) || São José dos Campos || São Paulo || Brazil || Met. in light || Leg. Bar. & Cout. || Date Coll. 11-1940 || Det. not informed || Date identification not informed.

4♀♀ || *Lutz. ayrozai* (Bar. & Cout., 1940) || Cabeça da Anta || São Paulo || Brazil || Met. in light || Leg. Bar. & Cout. || Date Coll. 01-1941 || Det. not informed || Date identification not informed.

3♂♂ || *Lutz. ayrozai* Bar. & Cout., 1940 || Caitetus || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Deane & Mat. || Date Coll. 05-1950 || Det. not informed || Date identification not informed.

1♂ || *Lutz. ayrozai* Bar. & Cout., 1940 || Itaipava || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Deane & Mat. || Date Coll. 05-1950 || Det. not informed || Date identification not informed.

1♀ || *Lutz. arthuri* Fons., 1936 || Itaipava || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Deane & Mat. || Date Coll. 05-1950 || Det. Galati || Date ID 04-1980.

2♀♀ || *Lutz. arthuri* Fons., 1936 || Caitetus || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Deane & Mat. || Date Coll. 05-1950 || Det. Galati || Date ID 04-1980.

1♀ || *Psychodopygus ayrozai* || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Brazil || Met. CDC || Leg. Shimabukuro, P.H.F. & Silva-Neto, A.M. || Date Coll. 01-19-20-2012 || Det. Shimabukuro || Date ID 2012.

1♀ || *Psychodopygus ayrozai* || Crasto || Santa Luzia do Itanhy || Sergipe || Brazil || Met. Malaise || Leg. M.T. Tavares e eq., cols. || Date Coll. 07-29-2001 and 08-2001 || Det. Shimabukuro || Date ID 2012.

***Psychodopygus amazonensis* (Root, 1934)**

Material examined: 1♂ || *Psychodopygus amazonensis* || Reserva do Sapiranga || Mata de São João || Bahia || Brazil || Met. Malaise || Leg. M.T. Tavares e eq., cols. || Date Coll. 07-19-22-2001 || Det. Alves, V.R. || Date identification not informed.

***Psychodopygus carrerai carrerai* (Barretto, 1946)**

Material examined: 2♀♀ || *Lutz. carrerai* Bar. 1946 || Restrepo || Vega Grande || Colombia || Place and/or collection method not informed || Leg. Antunes || Date Coll. dec/34 || Det. Forattini || Date ID 1971.

***Psychodopygus carrerai thula* (Young, 1979)**

Material examined: 1♀ || *Phlebotomus paraensis* C.L. || Prov. R.P. 23 || Almirante || Bocas del Toro || Panama || Met. Shannon || Leg. Quiñones coll. || Date Coll. 05-01-1951 || Det. Galati || Date ID 1980.

1♂ || *Phlebotomus paraensis* C.L. || R.P. || Almirante || Bocas del Toro || Panama || Met. light trap, 60W, azul || Leg. Quiñones coll. || Date Coll. 10-15-1952 || Det. Galati || Date ID 1980.

1♀ || *L. paraensis* || R.P. || Cerro Campana || Panama || Met. Shannon || Leg. M.H., G.F. || Date Coll. 08-24-1950 || Det. Galati || Date ID 1980.

1♀ || *L. paraensis* || C.Z. || Juan Mina || Panama || Met. Biting man daytime || Leg. V.F. Sta. F-O. || Date Coll. 10-28-1949 || Det. Galati || Date ID 1980.

***Psychodopygus squamiventris* (Lutz & Neiva, 1912)**

Material examined: 1♀ || *Lutz. squamiventris* (L & N, 1912) || Abaetetuba || Pará || Brazil || Loc. Coll. Armadillo burrow || Leg. Deane || Date Coll. 02-1957 || Det. not informed || Date identification not informed.

***Psychodopygus chagasi* (Costa Lima, 1941)**

Material examined: 1♂ || "*Lutz. unisetosa*" Mang., 1941 || São Paulo de Olivença || Amazonas || Brazil || Loc. Coll. tree trunk || Leg. Damasceno || Date Coll. 06-1943 || Det. not informed || Date identification not informed.

***Psychodopygus lloydi* (Antunes, 1937)**

Material examined: 4♀♀ || *Ps. lloydi* Ant., 1937 || Caitetus || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Deane & Matos || Date Coll. 05-1950 || Det. not informed || Date identification not informed.

4♀♀ || *Ps. lloydi* Ant., 1937 || Itaipava || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Deane & Matos || Date Coll. 05-1950 || Det. not informed || Date identification not informed.

5♂♂ || *Lutz. arthuri* Fons. 1936 || Caitetus || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Deane & Matos || Date Coll. 05-1950 || Det. Galati || Date ID 1980.

3♂♂ || *Lutz. arthuri* Fons. 1936 || Itaipava || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Deane & Matos || Date Coll. 05-1950 || Det. Galati || Date ID 1980.

4♀♀ || *Lutz. arthuri* Fons. 1936 || Osasco || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 04-1940 || Det. Galati || Date ID 1980.

1♂ || *Lutz. arthuri* Fons. 1936 || Piedade || São Paulo || Brazil || Met. in light || Leg. Barretto & Coutinho || Date Coll. 01-1941 || Det. Galati || Date ID 1980.

2♂♂ || *Psychodopygus lloydi* || Capuava || Cotia || São Paulo || Brazil || Met. CDC (In chicken coop) || Leg. Bichiatto || Date Coll. 03-31-2005 || Det. Galati || Date ID 2009.

2♀♀ || *Psychodopygus lloydi* || Capuava || Cotia || São Paulo || Brazil || Met. CDC (In chicken coop) || Leg. Bichiatto || Date Coll. 03-31-2005 || Det. Galati || Date ID 2009.

2♀♀ || *Ps. lloydi* || Cotia || São Paulo || Brazil || Met. CDC (in forest) || Leg. Fonseca MB || Date Coll. 02-20-21-2005 || Det. Galati || Date ID 2007.

1♀ || *Ps. lloydi* || Cotia || São Paulo || Brazil || Met. CDC (In chicken coop) || Leg. Fonseca MB || Date Coll. 05-17-18-2005 || Det. Galati || Date ID 2007.

6♀♀ || *Ps. lloydi* Ant., 1937 || Caitetus || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Deane & Matos || Date Coll. 05-1950 || Det. not informed || Date identification not informed.

2♀♀ || *Ps. lloydi* Ant., 1937 || Itaipava || Petrópolis || Rio de Janeiro || Brazil || Met. in light || Leg. Deane & Matos || Date Coll. 05-1950 || Det. not informed || Date identification not informed.

***Psychodopygus paraensis* (Lima, 1941)**

Material examined: 1♂ || *Lutz. paraensis* Lima, 1941 || Abaeté || Pará || Brazil || Met. in light || Leg. Damasceno || Date Coll. 10-1948 || Det. not informed || Date identification not informed.

***Psychodopygus panamensis* (Shannon, 1926)**

Material examined: 2♂ || *Lutz. panamensis* Shan. 1925 || Rio Maticora || Venezuela || Place and/or collection method not informed || Leg. Ortiz || Date Coll. 11-1948 || Det. not informed || Date identification not informed.

1♂ || *Phlebotomus panamensis* Shannon || Juan Mina, C.Z. || Panama || Met. light trap || Leg. not informed || Date Coll. 02-27-1949 || Det. Fairchild & Hertig || Date identification not informed.

1♀ || pan. || Finca Nievécita || Almirante || Bocas, RP || Panama || Loc. Coll. Buttress || Leg. Hartmann coll. || Date Coll. 06-17-1950 || Det. not informed || Date identification not informed.

***Psychodopygus complexus* (Mangabeira, 1941)**

Material examined: 1♂ || *Lutz. complexa* Mang., 1941 || Abaeté || Pará || Brazil || Met. in light || Leg. Mangabeira || Date Coll. 08-1943 || Det. not informed || Date identification not informed.

1♂ || *Psychodopygus complexus* || Vale da Benção || Chapada dos Guimarães || Mato Grosso || Brazil || Place and/or collection method not informed || Leg. Silva-Neto, A.M. || Date Coll. 21-22.I.2012 || Det. Shimabukuro || Date ID 2012.

***Psychodopygus squamiventris maripaensis* (Floch & Abonnenc, 1946)**

Material examined: 1♂ || *P. maripaensis* F & A || Teresina (???) || Brazil || Leg. Forattini *et al.* || Date Coll. 01-02-1959 || Det. Fraiha || Date ID 04-1959.

***Psychodopygus davisii* (Root, 1934)**

Material examined: 2♂♂ || *Lutz. rootii* Mang., 1942 || Boa Vista || Guamá || Pará || Brazil || Loc. Coll. tree trunk || Leg. Damasceno || Date Coll. 01-1944 || Det. not informed || Date identification not informed.

1♂ || *Lutz. rootii* Mang., 1942 || João Coelho || Pará || Brazil || Loc. Coll. tree trunk || Leg. Damasceno || Date Coll. 12-1944 || Det. not informed || Date identification not informed.

1♂ || *Lutz. rootii* (Mang., 1942) || Abaeté || Pará || Brazil || Met. light trap || Leg. Damasceno || Date Coll. 10-1938 || Det. not informed || Date identification not informed.

***Psychodopygus lainsoni* (Fraiha & Ward, 1974)**

Material examined: 2♂♂ || *Psychodopygus lainsoni* || Jacareacanga || Pará || Brazil || Met. Shannon trap || Leg. Natal || Date Coll. 10-09-2009 || Det. Galati || Date ID 2010.

2♀♀ || *Psychodopygus lainsoni* || Jacareacanga || Pará || Brazil || Met. Shannon trap || Leg. Natal || Date Coll. 10-09-2009 || Det. Galati || Date ID 2010.

***Psychodopygus wellcomei* Fraiha, Shaw & Lainson, 1971**

Material examined: 1♂ || *Psychodopygus wellcomei* || Campus UNEMAT || Nova Xavantina || Mato Grosso || Brazil || Met. Malaise || Leg. Batista, J.D. e eq., cols. || Date Coll. 12-10-1996 || Det. Shimabukuro || Date ID 2012.

***Psychodopygus hirsutus* (Mangabeira, 1942)**

Material examined: 1♂ || *Lutz. hirsuta* Mang., 1942 || Abaeté || Pará || Brazil || Met. in light || Leg. Damasceno || Date Coll. 10-1948 || Det. not informed || Date identification not informed.

***Psathyromyia abunaensis* (Lima, 1932)**

Material examined: 3♂♂ || *Lutz. braziliensis* (Lima, 1932) || Catu || Belém || Pará || Brazil || Loc. Coll. Armadillo burrow || Leg. Damasceno || Date Coll. 05-1941 || Det. Galati || Date ID 1988.

***Psathyromyia brasiliensis* (Costa Lima, 1932)**

Material examined: 4♂♂ || *Lutz. brasiliensis* (Lima, 1932) || Coari || Amazonas || Brazil || Loc. Coll. Armadillo burrow || Leg. Mangabeira || Date Coll. 1941 || Det. not informed || Date identification not informed.

2♂♂ || *Lutz. brasiliensis* (Lima, 1932) || Lassance || Minas Gerais || Brazil || Loc. Coll. armadillo burrow || Leg. Mangabeira || Date Coll. 10-1939 || Det. not informed || Date identification not informed.

1♂ || *Lutz. brasiliensis* (Lima, 1932) || Igarapava || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 12-1943 || Det. not informed || Date identification not informed.

1♂ || *Lutz. brasiliensis* (Lima, 1932) || Russas || Ceará || Brazil || Loc. Coll. trunk of oiticica || Leg. Mangabeira || Date Coll. 08-1940 || Det. Barretto || Date identification not informed.

***Psathyromyia coutinhoi* (Mangabeira, 1942)**

Material examined: 5♂♂ || *Lutz. coutinhoi* (Mang., 1942) || Aurá || Belém || Pará || Brazil || Loc. Coll. Armadillo burrow || Leg. Mangabeira || Date Coll. 1940 || Det. not informed || Date identification not informed.

7♂♂ || *Lutz. coutinhoi* (Mang., 42) || Aurá || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Mangabeira || Date Coll. 1941 || Det. not informed || Date identification not informed.

2♂♂ || *Lutz. coutinhoi* (Mang., 42) || Aurá || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 04-1943 || Det. not informed || Date identification not informed.

***Psathyromyia dreisbachi* (Causey & Damasceno, 1948)**

Material examined: 1♂ || *Lutz. dreisbachi* (Cau. & Dam., 1948) || Coari || Amazonas || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 08-1944 || Det. not informed || Date identification not informed.

***Psathyromyia dendrophyla* (Mangabeira, 1942)**

Material examinado: 5♂♂ || *Lutz. dendrophyla* (Mang., 1942) || Utinga || Pará || Brazil || Loc. Coll. tree trunk || Leg. Mangabeira || Date Coll. 1941 || Det. not informed || Date identification not informed.

4♂♂ || *Lutz. dendrophyla* (Mang., 1942) || Abaetetuba || Pará || Brazil || Loc. Coll. tree trunk || Leg. Mangabeira || Date Coll. 12-1957 || Det. not informed || Date identification not informed.

***Psathyromyia inflata* (Floch & Abonnenc, 1944)**

Material examined: 1♂ || *P. inflatus* || Monjoly || French Guiana || Place and/or collection method not informed || Leg. not informed || Date Coll. 07-29-1948 || Det. not informed || Date identification not informed.

***Psathyromyia lanei* (Barretto & Coutinho, 1941)**

Material examined: 6♀♀ || *Psathyromyia lanei* || Casa Grande || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 09-1940 || Det. not informed || Date identification not informed.

2♂♂ || *Psathyromyia lanei* || Casa Grande || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 09-1940 || Det. not informed || Date identification not informed.

1♀ || *Psathyromyia lanei* || Parque Estadual Intervales || São Paulo || Brazil || Loc. Coll forest (tree canopy) || Leg. Galati || Date Coll. 04-20-21-2001 || Det. Galati || Date ID 2001.

1♂ || *Psathyromyia lanei* || Parque Estadual Intervales || São Paulo || Brazil || Loc. Coll forest (tree canopy) || Leg. Galati || Date Coll. 04-20-21-2001 || Det. Galati || Date ID 2001.

1♀ || *Psathyromyia lanei* || Parque Estadual Intervales || São Paulo || Brazil || Met. CDC || Leg. Galati || Date Coll. 03-18-19-2001 || Det. Galati || Date ID 2001.

1♀ || *Psathyromyia lanei* || PETAR || São Paulo || Brazil || Place and/or collection method not informed || Leg. Galati || Date Coll. 02-10-19-2001 || Det. Galati || Date ID 2001.

1♂ || *Psathyromyia lanei* || PETAR || São Paulo || Brazil || Met. CDC (Forest) || Leg. Galati || Date Coll. 03-17-18-2001 || Det. Galati || Date ID 2001.

1♂ || *Psathyromyia lanei* || PETAR || São Paulo || Brazil || Met. CDC (Forest) || Leg. Galati || Date Coll. 03-17-18-2001 || Det. Galati || Date ID 2001.

1♂ || *Psathyromyia lanei* || Cantareira || São Paulo || Brazil || Loc. Coll. peridomicílio || Leg. Moschin JC || Date Coll. 02-10-11-2009 || Det. Galati || Date ID 2009.

1♂ || *Psathyromyia lanei* || Iporanga || São Paulo || Brazil || Met. CDC (in forest) || Leg. Galati || Date Coll. 11-11-12-2003 || Det. Galati || Date ID 2003.

1♀ || *Psathyromyia lanei* || PETAR || Iporanga || São Paulo || Brazil || Met. CDC (in figueira) || Leg. Galati || Date Coll. 19 a 20-VIII-2001 || Det. Galati || Date ID 2001.

***Psathyromyia lutziana* (Costa Lima, 1932)**

Material examined: 5♂♂ || *Lutz. lutziana* (Lima, 32) || Água Preta || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Mangabeira || Date Coll. 1941 || Det. not informed || Date identification not informed.

2♂♂ || *Lutz. lutziana* (Lima, 1932) || Lassance || Minas Gerais || Brazil || Loc. Coll. armadillo burrow || Leg. Mangabeira || Date Coll. 10-1939 || Det. not informed || Date identification not informed.

2♂♂ || *Lutz. lutziana* (Lima, 1932) || Igarapava || São Paulo || Brazil || Met. in light || Leg. Barretto || Date Coll. 12-1943 || Det. not informed || Date identification not informed.

***Psathyromyia pascalei* (Coutinho & Barretto, 1940)**

Material examined: 3♀♀ || *Psathyromyia pascalei* || Cotia || São Paulo || Brazil || Met. CDC (In chicken coop) || Leg. Bichiatto || Date Coll. 03-31-2005 || Det. Galati || Date ID 2009.

1♂ || *Psathyromyia pascalei* || Cananéia || São Paulo || Brazil || Met. CDC || Leg. Galati || Date Coll. 2010 || Det. Galati || Date ID 2010.

1♀ || *Psathyromyia pascalei* || Cananéia || São Paulo || Brazil || Met. CDC || Leg. Galati || Date Coll. 2010 || Det. Galati || Date ID 2010.

1♂ || *Lutz. pascalei* (Cout. & Bar., 1940) || São José dos Campos || São Paulo || Brazil || Met. Met. in light || Leg. Barretto & Coutinho || Date Coll. 01-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. pascalei* (Cout. & Bar., 1940) || Casa Grande || São Paulo || Brazil || Met. Met. in light || Leg. Barretto & Coutinho || Date Coll. 01-1940 || Det. not informed || Date identification not informed.

***Psathyromyia* (*Forattiniella*) sp.**

Material examined: 1♀ || *Psathyromyia* (*Forattiniella*) sp. || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Brazil || Met. CDC || Leg. Shimabukuro, P.H.F. & Silva-Neto, A.M. || Date Coll. 01-18-19-2012 || Det. Shimabukuro || Date ID 2012.

1♀ || *Psathyromyia* (*Forattiniella*) sp. || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Brazil || Met. CDC || Leg. Shimabukuro & Nascimento || Date Coll. 09-05-06-2011 || Det. Shimabukuro || Date ID 2012.

***Psathyromyia aragai* (Costa Lima 1932)**

Material examined: 1♂ || *Psathyromyia aragai* || Bandeirantes || Paraná || Brazil || Met. CDC || Leg. Rosa Cruz || Date Coll. 09-28-2008 || Det. Galati || Date ID 2010.

1♀ || *Psathyromyia aragaoi* || Bandeirantes || Paraná || Brazil || Met. CDC || Leg. Rosa Cruz || Date Coll. 09-28-2008 || Det. Galati || Date ID 2010.

13♂♂ || *Lutz. aragaoi* (Lima, 32) || Coqueiros || São Paulo || Brazil || Loc. Coll. armadillo burrow || Leg. Albertin || Date Coll. 03-1955 || Det. not informed || Date identification not informed.

10♂♂ || *Lutz. aragaoi* (Lima, 32) || Coqueiros || São Paulo || Brazil || Loc. Coll. armadillo burrow || Leg. Albertin || Date Coll. 03-1955 || Det. not informed || Date identification not informed.

8♂♂ || *Lutz. aragaoi* (Lima, 1932) || Coqueiros || São Paulo || Brazil || Loc. Coll. armadillo burrow || Leg. Albertin || Date Coll. 03-1955 || Det. not informed || Date identification not informed.

1♂ || *Lutz. aragaoi* (Lima, 1932) || Coqueiros || São Paulo || Brazil || Loc. Coll. armadillo burrow || Leg. Barretto || Date Coll. 04-1952 || Det. not informed || Date identification not informed.

14♂♂ || *Lutz. aragaoi* (Lima, 1932) || Aurá || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Mangabeira || Date Coll. 1941 || Det. not informed || Date identification not informed.

4♂♂ || *Lutz. aragaoi* (Lima, 1932) || Caldas Novas || Minas Gerais || Brazil || Loc. Coll. armadillo burrow || Leg. Mangabeira || Date Coll. 1939 || Det. not informed || Date identification not informed.

2♂♂ || *Lutz. aragaoi* (Lima, 1932) || Manaus || Amazonas || Brazil || Loc. Coll. tree trunk || Leg. Damasceno || Date Coll. 10-1943 || Det. not informed || Date identification not informed.

1♂ || *Lutz. aragaoi* (Lima, 1932) || Arceburgo || Minas Gerais || Brazil || Loc. Coll. armadillo burrow || Leg. Barretto || Date Coll. 02-1946 || Det. not informed || Date identification not informed.

2♂♂ || *Psathyromyia (Forattiniella) aragaoi* || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Brazil || Met. CDC || Leg. Shimabukuro, P.H.F. & Silva-Neto, A.M. || Date Coll. 01-16-17-2011 || Det. Shimabukuro || Date ID 2012.

1♂ || *Psathyromyia (Forattiniella) aragaoi* || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Brazil || Met. CDC || Leg. Shimabukuro, P.H.F. & Silva-Neto, A.M. || Date Coll. 01-17-18-2012 || Det. Shimabukuro || Date ID 2012.

***Psathyromyia abunaensis* (Martins, Falcão & Silva, 1965)**

Material examined: 3♂♂ || *Lutz. braziliensis* (Lima, 1932) || Catu || Belém || Pará || Brazil || Loc. Coll. Armadillo burrow || Leg. Damasceno || Date Coll. 05-1941 || Det. Galati || Date ID 1988.

***Psathyromyia barrettoii barrettoii* (Mangabeira, 1942)**

Material examined: 2♂♂ || *Lutz. barrettoii* (Mang. 1942) || Catu || Belém || Pará || Brazil || Loc. Coll. paca burrow || Leg. Mangabeira || Date Coll. 1941 || Det. not informed || Date identification not informed.

1♂ || *Lutz. barrettoii* (Mang. 1942) || Aurá || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 09-1940 || Det. not informed || Date identification not informed.

1♂ || *Lutz. barrettoii* (Mang. 1942) || Irituia || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 11-1943 || Det. not informed || Date identification not informed.

2♂♂ || *Psathyromyia (Forattiniella) barrettoii barrettoii* || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Brazil || Met. CDC || Leg. Shimabukuro, P.H.F. & Silva-Neto, A.M. || Date Coll. 19-20.I.2012 || Det. Shimabukuro || Date ID 2012.

2♂♂ || *Psathyromyia (Forattiniella) barrettoii barrettoii* || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Brazil || Met. CDC || Leg. Shimabukuro, P.H.F. & Silva-Neto, A.M. || Date Coll. 01-21-22-2012 || Det. Shimabukuro || Date ID 2012.

1♂ || *Psathyromyia (Forattiniella) barrettoii barrettoii* || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Brazil || Met. CDC || Leg. Shimabukuro, P.H.F. & Silva-Neto, A.M. || Date Coll. 01-16-17-2012 || Det. Shimabukuro || Date ID 2012.

***Psathyromyia hermalenti* (Martins, Silva & Falcão, 1970)**

Material examined: 1♀ || *Psathyromyia (Xiphomyia) hermalenti* || Parque Nacional Chapada dos Guimarães || Chapada dos Guimarães || Mato Grosso || Brazil || Met. CDC || Leg. Shimabukuro & Silva-Neto || Date Coll. 01-16-17-2012 || Det. Shimabukuro || Date ID 2012.

***Psathyromyia punctigeniculata* (Floch & Abonnenc, 1944)**

Material examined: 1♂ || *Lutz. punctigeniculata* (Fl. & Abon., 1941) || Parintins || Amazonas || Brazil || Loc. Coll. tree trunk || Leg. Damasceno || Date Coll. 02-1944 || Det. not informed || Date identification not informed.

1♂ || *Phlebotomus punctigeniculatus* Floch & Abonnenc || Mojinga Swamp || Panama || Met. light trap || Leg. Blanton || Date Coll. 12-18-1951 || Det. Fairchild & Hertig || Date identification not informed.

1♀ || *Phlebotomus punctigeniculatus* Floch & Abonnenc || Madden Dam || Panama || Met. light trap || Leg. Blanton || Date Coll. 06-29-1952 || Det. Fairchild & Hertig || Date identification not informed.

***Viannamyia furcata* (Mangabeira, 1941)**

Material examined: 15♂♂ || *Lutz. furcata* (Mang., 1941) || Bosque || Belém || Pará || Brazil || Loc. Coll. tree trunk || Leg. Damasceno || Date Coll. 03-1944 || Det. not informed || Date identification not informed.

***Viannamyia tuberculata* (Mangabeira, 1941)**

7♂♂ || *Lutz. furcata* (Mang., 1941) || Aurá || Belém || Pará || Brazil || Loc. Coll. tree trunk || Leg. Mangabeira || Date Coll. 1940 || Det. not informed || Date identification not informed.

1♀ || *Lutz. furcata* (Mang., 1941) || Belém || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 11-1944 || Det. not informed || Date identification not informed.

2♂♂ || *Lutz. furcata* (Mang., 1941) || São Domingos || Pará || Brazil || Loc. Coll. armadillo burrow || Leg. Damasceno || Date Coll. 11-1944 || Det. not informed || Date identification not informed.

SUBTRIBE NOT DETERMINED

***Edentomyia piauiensis* (Galati, Andrade-Filho, Silva & Falcão, 2003)**

Material examined: 1♂ || *Edentomyia piauiensis* || FLONA Carajás || Pará || Brazil || Place and/or collection method not informed || Leg. Andrade cols. || Date Coll. 09-28-2003 and 10-2007 || Det. Galati || Date ID 2009.

2♂♂ || *Edentomyia piauiensis* || FLONA Carajás || Pará || Brazil || Place and/or collection method not informed || Leg. Andrade cols. || Date Coll. 08-23-2003 and 09-2007 || Det. Galati || Date ID 2009.

1♂ || *Edentomyia piauiensis* || FLONA Carajás || Pará || Brazil || Place and/or collection method not informed || Leg. Andrade cols. || Date Coll. 10-17-24-2008 || Det. Galati || Date ID 2009.

2♀♀ || *Edentomyia piauiensis* || FLONA Carajás || Pará || Brazil || Place and/or collection method not informed || Leg. Andrade cols. || Date Coll. 10-17-24-2008 || Det. Galati || Date ID 2009.

2♀♀ || *Edentomyia piauiensis* || FLONA Carajás || Pará || Brazil || Place and/or collection method not informed || Leg. Andrade cols. || Date Coll. 08-23-2003 and 09-2007 || Det. Galati || Date ID 2009.

3♀♀ || *Edentomyia piauiensis* || FLONA Carajás || Pará || Brazil || Place and/or collection method not informed || Leg. Andrade cols. || Date Coll. 09-28-2003 and 10-2007 || Det. Galati || Date ID 2009.