

# A catalogue of types of Conopoidea, Diopsoidea, Nerioidae and Tephritoidea (Diptera, Schizophora) in the collection of the Museu de Zoologia da Universidade de São Paulo

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**ABSTRACT.** A catalogue of types of Conopoidea, Diopsoidea, Nerioidae and Tephritoidea (Diptera, Schizophora) in the collection of the Museu de Zoologia da Universidade de São Paulo. A catalogue is provided with the type material of four superfamilies of “Acalyptratae” (Conopoidea, Diopsoidea, Nerioidae and Tephritoidea) held in the collection of the Museu de Zoologia da Universidade de São Paulo (MZUSP), São Paulo, Brazil. Concerning the taxa dealt with herein, the Diptera collection of MZUSP held 77 holotypes, 4 “allotypes” and 194 paratypes. In this paper, information about data labels, preservation and missing structures of the type specimens is given.

**KEYWORDS.** Conopoidea; Diopsoidea; Nerioidae; Tephritoidea; Scientific collections.

**RESUMO.** Catálogo de tipos de Conopoidea, Diopsoidea, Nerioidae e Tephritoidea (Diptera, Schizophora) da coleção do “Museu de Zoologia da Universidade de São Paulo”. É apresentado um catálogo do material tipo de quatro superfamílias de “Acalyptratae” (Conopoidea, Diopsoidea, Nerioidae e Tephritoidea) do acervo da coleção do Museu de Zoologia da Universidade de São Paulo (MZUSP), São Paulo, Brasil. Em relação às superfamílias aqui referidas a coleção do MZUSP possui 77 holótipos, 4 “alótipos” e 194 parátipos. Neste catálogo são disponibilizadas informações sobre etiquetas, preservação e estruturas perdidas dos espécimens.

**PALAVRAS-CHAVE.** Conopoidea; Diopsoidea; Nerioidae; Tephritoidea; Coleções Científicas.

Following a recommendation of the international Code of Zoological Nomenclature (ICZN 1999: 72F.4), a catalogue of the type material of Conopoidea, Diopsoidea, Nerioidae and Tephritoidea held in the collection of the Museu de Zoologia da Universidade de São Paulo (MZUSP), Brazil is provided. According to McAlpine (1989) these four superfamilies form a monophyletic group in the Acalyptratae section by sharing the following synapomorphies: female abdominal segment 7 developed and forming a bulbous oviscape, and the male aedeagus elongate, flexible, and tending to be looped or coiled (Yeates & Wiegmann 1999).

The number of types for each family of the Conopoidea, Diopsoidea, Nerioidae and Tephritoidea with holdings in the MZUSP collection is summarized in Table I.

The list given below follows Ribeiro *et al.* (2007). The type material is listed in alphabetical order of superfamily, family, genus, subgenus, and species name. For each species section, the first line provides the name and authorship; the following lines give the data on the original publication of the name (including figure citations), relevant citations from publications other than the original description, the type locality, and the current taxonomic status. Label data are quoted in double quotation marks. Each line in the text of each label is separated by a vertical line. In case of handwriting on printed labels, the handwritten text is reproduced in italics; completely handwritten and completely printed

labels are reproduced in regular font; illegible label information is represented by a question mark. Abbreviated collecting dates and incomplete localities are completed within square brackets. Details on the mode and condition of preservation of the specimens are given, including a list of the missing structures. The terminology for the morphological structures follows McAlpine (1981) and Stuckenberg (1999). The term “allotype” was used in this list only for the specimens which were designated as such in the original description.

Table I. Type material held in the MZUSP .

Superfamily	Family	Holotype	Allotype*	Paratype
Conopoidea	Conopidae	1		6
Diopsoidea	Syringogastridae	1	1	21
Nerioidae	Micropezidae			17
	Neriidae	3	2	1
Tephritoidea	Lonchaeidae	2		1
	Piophilidae	1		2
	Pyrgotidae	27	1	85
	Tephritidae	42		61
Total		77	4	194

\* The Allotypes listed here were designated as such in the original descriptions of the species.

**Conopoidea**  
**Conopidae**

***Baruerizodion steyskali* Papavero, 1970**

Papavero (1970), 122–125 (orig. desc.); 123, figs. 1 (head, lateral view), 2 (head, frontal view), 3 (head, dorsal view), 4 (leg III, posterior view), and 5 (abdomen, lateral view). Type locality: Brazil, São Paulo, Barueri.

Holotype female with labels: (1) printed with handwritten inscriptions on white paper: “Barueri | SP, [São Paulo State] Brasil | 7.II.1955 | K. Lenko col.”; (2) printed on red paper: “HOLOTIPO”; (3) handwritten on white paper: “Baruerizodion | steyskali, gen. n., | **sp. nov.** | Papavero, ‘69 [1969]”. Preservation: Pinned, left antenna, right trochanter, femora, tibiae and tarsi of legs I and III in a plastic vial pinned with the specimen. Missing parts: none.

***Stylogaster lanei* Monteiro, 1960**

Monteiro (1960), 104–107 (orig. desc.); 105, figs. 1 (male leg III, posterior view), 2 (male abdomen, lateral view), 3 (male sternite 5), 4 (male terminalia, lateral view), 5 (male terminalia, posterior view), 6 (aedeagus, lateral view), 7 (palpus genital, internal surface), 8 (oviscape, lateral view), 9 (apex of oviscape, lateral view), 10 (egg, lateral view), 11 (egg, anterior region). Camras & Parrillo, 1985:117, junior synonym of *Stylogaster banski* Aldrich. Type locality: Brazil, Amapá, Serra do Navio.

Paratype female with labels: (1) printed with handwritten inscriptions on white paper: “SERRA do NAVIO | Terr. Amapá [Amapá State] BRASIL | 1 X-1957 | J. Lane leg.”; (2) printed on pink paper: “PARATYPUS”; (3) handwritten on white paper: “Stylogaster | lanei ♀ | Léa Monteiro Det.” Preservation: Pinned. Missing parts: none.

Paratype female with the same labels as in the former Paratype, with label (1) differing in date: “19 X-1957”. Preservation: Pinned. Missing parts: none. Paratype male with same labels as in the first Paratype, with label (1) differing in date: “21 X-1957”; and label (3) differing in the second line: “| lanei ♂”. Preservation: Pinned. Missing parts: none.

***Stylogaster lepida* Lopes & Monteiro, 1959**

Lopes & Monteiro (1959), 11–14 (orig. desc.); 13, figs. 36 (male terminalia, lateral view), 37 (male terminalia, dorsal view), 38 (gonostylus, lateral view), 39 (aedeagus, lateral view), 40 (aedeagus, ventral view), 41 (male wing), 42 (male costal vein), 43 (apex of male wing), 44 (leg III, posterior view), 45 (oviscape, lateral view), 46 (apex of oviscape, lateral view), 47 (egg), 48 (egg, anterior extremity). Type locality: Brazil, Rio de Janeiro, Angra dos Reis, Japuiba.

Paratype female with labels: (1) printed on white paper: “Calado-Rio Doce | Minas [Minas Gerais State] 12 a 15. II. 39 [1939] | Martins e Lopes”; (2) printed on pink pa-

per: “PARATYPUS”; (3) printed with handwritten inscriptions on white paper: “*Stylogaster | lepida n. sp. | Mont & | Det. H. S. Lopes*”. Preservation: Pinned. Missing parts: tarsomeres two to five of left leg II and tarsomeres two to five of right leg III.

Paratype female with labels: (1) printed on white paper: “JAPUHYBA | ANGRA [Angra dos Reis] 23-3-940 [III-1940] | J. Lane E Lopes”; and with the same labels (2) and (3) as in the former Paratype. Preservation: Pinned, abdomen in a plastic vial pinned with the specimen. Missing parts: none.

Paratype female with labels: (1) handwritten on white paper: “Tinguá | R. Janeiro [Rio de Janeiro State] | 19-4-40 [IV-1940]”; and with the same labels (2) and (3) as in the first Paratype. Preservation: Pinned. Missing parts: tarsomeres two to five of legs III.

**Diopsoidea**

**Syringogastridae**

***Syringogaster lanei* Prado, 1969**

Prado (1969), 6–9 (orig. desc.); 7, fig. 1 (habitus, lateral view); 9, fig. 6 (wing); 11, figs. 11 (head, frontal view), 12 (male postabdome, lateral view), 13 (male terminalia, lateral view), 14 (male terminalia, ventral view), 15 (epandrium, gonostylus and cercus, lateral view), 16 (epandrium, gonostylus and cercus, dorsal view), 17 (female abdomen, tergites 1 to 3, dorsal view), 18 (female abdomen, tergites 1 to 3, lateral view) and 19 (spermatheca). Type locality: Brazil, São Paulo, Barueri.

Two Paratype males on the same pin with labels: (1) printed with handwritten inscriptions on white paper: “Barueri | São Paulo – Brasil | 14.VII.1955 | K. Lenko col.”; (2) printed with handwritten inscriptions on white paper: “*Syringogaster | rufa* Cresson | N. Papavero det. ‘62 [1962]”; (3) printed on red paper: “PARATIPO”; (4) printed with handwritten inscriptions on white paper: “*Syringogaster | lanei sp. nov.* | Det. A. P. Prado | 1969”; (5) printed on white paper: “M”. Preservation: Each specimen glued to tip of a pinned card point, first Paratype with right wing glued on respective paper. Missing parts: first Paratype without legs I, right leg II, tarsus of the left leg II and both legs III; second Paratype without head, both legs I, left legs II and III and tibia and tarsus of right leg II.

Paratype male with the same label (1); and with the labels (2) and (3) as the (3) and (4) in the former Paratypes respectively. Preservation: glued to the tip of a pinned card point. Missing parts: none.

Paratype female with the same labels (1) and (2) as in the first Paratypes, with label (1) differing in date: “11.VIII.1955”; (3) printed on white paper: “Q”; and with labels (4) and (5) as (3) and (4) in the first Paratype respectively. Preservation: glued to the tip of a pinned card point. Missing parts: left wing.

Paratype male with labels: (1) printed on white paper: “BARUERI | Est. S. Paulo [São Paulo State] BRASIL | 15.VIII.1957 | K. Lenko”; and with the labels (2), (3), (4) and (5) as in the first Paratype. Preservation: Pinned to the tip of a pinned cork. Missing parts: right wing and tarsus of right leg II.

Paratype female with labels (1) and (2) same as above; (3) printed on white paper: “♀”; and with labels (4) and (5) same as labels (3) and (4) of the first Paratype respectively. Preservation: Pinned to the tip of a pinned cork. Missing parts: none.

Paratype female with the same labels (1), (2) and (3) as in the first Paratype, but label (1) differing in date: “24.VIII.1955”; (4) printed on white paper: “♀”; and with label (5) same as label (4) of the first Paratype. Preservation: glued to the tip of a pinned card point. Missing parts: none.

### *Syringogaster lopesi* Prado, 1969

Prado (1969), 14–18 (orig. desc.); 7, fig. 3 (male postabdomen, latero-ventral view); 9, fig. 9 (wing); 15, figs. 30 (head, frontal view), 31 (male postabdomen, lateral view), 32 (male terminalia, lateral view), 33 (male terminalia, posterior view), 34 (abdomen segments 7–9, lateral view), 35 (gonostylus, lateral view), 36 (epandrium, gonostylus and cercus, dorsal view), 37 (female abdomen, lateral view), 38 (female abdomen, tergites 1 to 3, dorsal view), 39 (female abdomen, tergites 1 to 3, lateral view) and 40 (spermathecae). Type locality: Brazil, Bahia, Salvador.

Paratype male with labels: (1) printed on white paper: “Salvador-Bahia | Brasil 20-XI-65 [1965] | H. S. Lopes”; (2) printed on red paper: “PARÁTIPO”; (3) printed with handwritten inscriptions on white paper: “*Syringogaster lopesi*; *sp. nov.* | Det. A. P. Prado | 1969”. Preservation: Pinned. Missing parts: none.

### *Syringogaster papaveri* Prado, 1969

Prado (1969), 10–12 (orig. desc.); 7, figs. 2 (male abdomen, lateral view), 4 (female abdomen, ventral view); 9, fig. 7 (wing); 13, figs. 20 (head, frontal view), 21 (male postabdomen, lateral view), 22 (male postabdomen, without tergite 6, lateral view), 23 (male terminalia, ventral view), 24 (female abdomen, tergites 1 to 3, lateral view), 25 (female abdomen, tergites 1 to 3, dorsal view), 26 (female abdomen, tergites 1 to 3, dorsal view), 27 (female abdomen, tergites 1 to 3, lateral view) and 28 (spermathecae). Type locality: Brazil, São Paulo, Barueri.

Holotype male with labels: (1) printed with handwritten inscriptions on white paper: “Barueri, | São Paulo, Brasil | 22.I.66 [1966] | K. Lenko col.”; (2) printed on red paper: “Holotypus”; (3) printed with handwritten inscriptions on white paper: “*Syringogaster papaveri*; *sp. nov.* | Det. A. P. Prado | 1969”. Preservation: glued to the tip of a pinned card point. Missing parts: none.

“Allotype” female with the same labels (1), (2) and (3) as in the Holotype, with label (2) differing in: “Allotypus”. Preservation: glued to the tip of a pinned card point. Missing parts: none.

Paratype female with the same label (1) as in the Holotype, but differing in date: “26.IV.1955”; (2) printed on white paper: “♀”; (3) printed on red paper: “PARATIPO”; and with label (4) same as label (3) of the Holotype. Preservation: glued to the tip of a pinned card point. Missing parts: left pedicel and postpedicel.

Four Paratype females with the same labels (1), (2) and (3) as in the Holotype, with the label (2) differing in: “PARATIPO”. Preservation: glued to the tip of a pinned card point. Missing parts: none.

Two Paratype males and five females with the same labels (1), (2) and (3) as in the second Paratypes, with label (1) differing in date: “11-VI-1966”. Preservation: glued to the tip of a pinned card point. Missing parts: one Paratype female without right wing apex.

## Nerioida

### Micropezidae

#### *Protylos littoralis* Albuquerque, 1967

Albuquerque (1967), 241–244 (orig. desc.); 241, figs. 50 (head, dorsal view), 51 (head, lateral view), 52 (mouthparts, lateral view), 53 (antenna), 54 (thorax, lateral view), 55 (wing), 56 (halter, dorsal view), 57 (halter, ventral view), 58 (midcoxa), 59 (male abdomen, lateral view), 60 (male postabdomen, lateral view), 61 (male sternites 5–7), 62 (male cercus, lateral view), 63 (right gonostylus, ventral view), and 64 (left gonostylus, ventral view); 243, figs. 65 (male terminalia, lateral view); 66 (male terminalia with sternites 5–7, lateral view), 67 (aedeagus, lateral view), 68 (aedeagus, ventral view), 69 (oviscape), 70 (female sternite 7), 71 (female abdomen, lateral view), 72 (spermathecae). Type locality: Brazil, Rio de Janeiro, Guanabara.

Paratype female with labels: (1) printed with handwritten inscriptions on white paper: “BARRA DA TIJUCA | RIO DE JANEIRO | BRASIL H S LOPES | I. 63 [1963]”; (2) handwritten on white paper: *Protylos littoralis* n. sp. | det: Lindalva | P. Albuquerque”; (3) printed on pink paper: “PARATYPUS”. Preservation: Pinned. Missing parts: left legs I, II, and III and right leg II.

Paratype female with the same labels (1), (2) and (3) as in the first Paratype, with label (1) differing in date: “10.II.63 [1963]”; and (2) differing in the first line: “*Protylos littoralis*”. Preservation: Pinned. Missing parts: left legs II and III.

Two Paratype males with labels: (1) printed with handwritten inscriptions on white paper: “Barra da Tijuca | Rio, [Rio de Janeiro State] Brasil | H.S. LOPES | 13.XII.64 [1964]”; and with the same labels (2) and (3) as in the first Paratype, with label (2) differing in the third and fourth lines: “det: Lindalva P. | Albuquerque”. Preservation:

tion: Pinned. Missing parts: one Paratype without antennae, tarsus of right leg I and of left legs II and III; one Paratype without right pedicel and postpedicel, left halter, femur, tibia and tarsus of left leg II and right legs II and III.

Two Paratype females with the same labels (1), (2) and (3) as in the first Paratype, with label (1) differing in date: “16.I.65 [1965]”; and label (2) differing in the third and fourth lines: “det: Lindalva P. | Albuquerque”. Preservation: Pinned. Missing parts: one Paratype without head, femur, tibia and tarsus of the left leg II.

Paratype female with labels: (1) printed with handwritten inscriptions on white paper: “S. Conrado [São Conrado] | Rio [Rio de Janeiro State] Brasil | H.S. LOPES | 14.2.65 [II-1965]”; and with the same labels (2) and (3) as in the first Paratype, with label (2) differing in the third and fourth lines: “det: Lindalva P. | Albuquerque”. Preservation: Pinned, thorax left pleurae and abdominal segments 1+2 and 3 partially damaged. Missing parts: femur, tibia and tarsus of right leg II.

Two Paratype males and one female with the same labels (1), (2) and (3) as in the third Paratypes, with label (1) differing in date: “27.2.65 [II-1965]”. Preservation: Pinned. Missing parts: one Paratype male without femur, tibia and tarsus of the right leg II and apical third of right wing; one Paratype male without pedicel and postpedicel of both antennae, femur, tibia and tarsus of right leg III; and the Paratype female without posterior half of both wings.

One Paratype male and one female with the same labels (1), (2) and (3) as in the third Paratypes, with label (1) differing in date: “28.2.65 [II-1965]”. Preservation: Pinned. Missing parts: Paratype male without femur, tibia and tarsus of the right leg II and tarsus of right leg III; Paratype female without tibia and tarsus of the right leg I, femur, tibia and tarsus of right leg II.

### ***Protylos reconditus* (Albuquerque, 1967)**

Albuquerque (1967), 237–241 (orig. desc.); 238, figs. 25 (head, dorsal view), 26 (head, lateral view), 27 (antenna), 28 (thorax, lateral view), 29 (wing), 30 (halter, dorsal view), 31 (halter, ventral view), 32 (fore leg), 33 (mid leg, posterior view), 34 (mid leg, anterior view), 35 (mid leg, oblique view), 36 (hind leg, posterior view); 239, figs. 37 (male postabdomen, lateral view), 38 (male sternites 6–7, dorsal view), 39 (epandrium, lateral view), 40 (epandrium, dorsal view), 41 (right gonostylus, ventral view), 42 (left gonostylus, ventral view), 43 (aedeagus, lateral view), 44 (female postabdomen, lateral view), 45 (female postabdomen, dorsal view), 46 (oviscape, lateral view), 47 (oviscape, internal view), 48 (female cercus, lateral view) and 49 (spermathecae). Type locality: Brazil, Rio de Janeiro, Tijuca.

Current name: *Micropeza* (*Protylos*) *reconditus*.

Paratype male with labels: (1) printed on white paper: “GRAJAHÚ [Grajaú] | Rio [Rio de Janeiro State] 9.XII.40

[1940] | Lopes & Machado”; (2) printed on pink paper: “PARATYPUS”; (3) handwritten on white paper: “Protylos recon- | ditus n. sp. | det: Lindalva | P. Albuquerque”. Preservation: Pinned. Missing parts: left pedicel and postpedicel, femora, tibiae and tarsi of right legs I, II and III.

Paratype female with labels: (1) printed on white paper: “Grajahu [Grajaú, Rio de Janeiro State] | 13.III.941 [1941] | Lopes & Oliveira”; and with the label (2) as the (3) in the first Paratype, differing in the third and fourth lines: “Lindalva P. | Albuquerque”; and with label (3) same as label (2) of the first Paratype. Preservation: Pinned. Missing parts: pedicel and postpedicel of both antennae and femur, tibia and tarsus of the left leg II.

Paratype female with labels: (1) printed with handwritten inscriptions on white paper: “Rio de Janeiro | Tijuca, Brasil | H. S. Lopes | 13.XII.64 [1964]”; and with the same labels (2) and (3) as in the first Paratype, with label (3) differing in the third and fourth lines: “det: Lindalva P. | Albuquerque”. Preservation: Pinned. Missing parts: femur, tibia and tarsus of right leg III.

Paratype male with the same labels (1), (2) and (3) as in the third Paratype, with label (1) differing in date: “14.2.65 [II.1965]”. Preservation: Pinned. Missing parts: femur, tibia and tarsus of the right leg I, tibia and tarsus of the left leg II and femur, tibia and tarsus of left leg III.

Paratype male with the same labels (1) and (2) as in the third Paratype, with label (1) differing in date: “2.3.65 [III.1965]”; (3) handwritten on white paper: “Protylos recondi | tus, n. sp | det: Lindalva Paes | Albuquerque”. Preservation: Pinned. Missing parts: tarsus of left leg III.

## **Neriidae**

### ***Glyphidops* (*Glyphidops*) *etele* Aczél, 1961**

Aczél (1961), 302–305 (orig. desc.); 303, figs. 33 (head, lateral view), 34 (fore femur, posterior view), and 36 (head, dorsal view). Type locality: Brazil, São Paulo, Juquiá.

Holotype male with labels: (1) printed on white paper: “São Paulo | Juquiá | Dez. [XII] 1946 | M. Carrera”; (2) printed on red paper: “HOLOTIPO”; (3) printed with handwritten inscriptions on white paper: “*Glyphidops* | ♂ | *etele* n. sp. | Dr. M. Aczél det. 19”. Preservation: Pinned. Missing parts: right wing and apical half of left wing.

### ***Glyphidops* (*Oncopsia*) *carrerai* Aczél, 1961**

Aczél (1961), 316–319 (orig. desc.); 317, figs. 55 (head, lateral view), and 56 (head, dorsal view). Type locality: Brazil, São Paulo, São Vicente, Barreiro.

Holotype male with labels: (1) printed on white paper: “São Paulo | São Vicente | Barreiros | Jan. [I] – 1945 | M. Carrera col.”; (2) printed on red paper: “HOLOTIPO”; (3) printed with handwritten inscriptions on white paper: “*G. (Oncopsia)* | ♂ | *carrerai* n. sp. | Dr. M. Aczél det. 19”. Preservation: Pinned. Missing parts: femora, tibiae and tarsi of right legs II and III.



***Nerius czernyi* Aczél, 1961**

Aczél (1961), 334–336 (orig. desc.); 335, fig. 61 (mesonotum).

Type locality: Argentina, Misiones, Puerto Aguirre.

“Allotype” male with labels: (1) handwritten on white paper: “S. Paulo [São Paulo State] | Serra da | Bocaina | VIII – 41 [1941] [lateral inscription]”; (2) printed with handwritten inscriptions on white paper: “*Nerius* ♂ | *robustus* (End.) / Dr. M. Aczél det. 19”; (3) printed on red paper: “ALOTIPO”; (4) printed with handwritten inscriptions on white paper: “*Nerius* ♂ | *czernyi* n. sp. | Dr. M. Aczél det.”; (5) printed on white paper: “z17”. Preservation: Pinned. Missing parts: apical half of the left postpedicel, femur, tibia and tarsi of right leg II and femora, tibiae and tarsi of left legs I, II and III.

***Nerius lanei* Aczél, 1961**

Aczél (1961), 340–342 (orig. desc.); 335, fig. 63 (mesonotum). Type locality: Brazil, Rio de Janeiro, Angra dos Reis.

Holotype male with labels: (1) printed with handwritten inscriptions on white paper: “BR- [Brazil] R. J.- [Rio de Janeiro State] Angra dos Reis | Faz. [farm] Japuhya | L. T. F. Agosto- [VIII] 1945”; (2) printed on red paper: “HOLOTIPO”; (3) printed with handwritten inscriptions on white paper: “*Nerius* ♂ | *lanei* n. sp. | Dr. M. Aczél det.”; (4) printed on white paper: “z18”. Preservation: Pinned, left leg I glued on first label. Missing parts: tarsus of right leg I.

“Allotype” female with the same label (1) as in the Holotype, differing in the third line: “L. T. F. Junho- [VI] 1945”; with label (2) as (3) in the Holotype, differing in the first line: “*Nerius* ♀”; (3) printed on red paper: “ALOTIPO”; (4) printed on white paper: “z19”. Preservation: Pinned. Missing parts: right wing.

Paratype male with the same labels (1) and (3) as in the Holotype, with label (1) differing in the third line: “L. T. F. VIII- 1945”; (2) printed with handwritten inscriptions on white paper: “INST. M. [Instituto Miguel] LILLO | Preparación | N°. 180. M. Ala”; (4) printed on white paper: “PARATIPO”; (5) printed on white paper: “z20”. Preservation: Pinned, terminalia dissected and partially mounted on a microslide with a plastic vial pinned on a separate pin with a white label with handwritten: “z20”. Missing parts: right wing, femur, tibia and tarsus of left leg I.

**Tephritoidea****Lonchaeidae*****Dasiops longulus* Norrbom & McAlpine, 1997**

Norrbom & McAlpine (1997), 205 (orig. desc.). Type locality: Brazil, São Paulo, Santa Isabel.

Holotype male with labels: (1) printed on white paper: “BRAZIL: Sao Paulo: [São Paulo State] | Santa Isabel, passion fruit | (crop\*), M. A. Uchoa F.”; (2) printed on white paper: “*Dasiops* | ♀ 49 ALN”; (3) printed with handwritten inscriptions on red paper: “HOLOTYPE USNM | *Dasiops*

♀ | *longulus* | Norrbom & McAlpine”. Preservation: Pinned, abdomen in a plastic vial pinned with specimen. Missing parts: none.

***Neosilba bifida* Striks & Prado, 2005**

Striks & Prado (2005), 1–4 (orig. desc.); 2, figs. 1 (male terminalia, lateral view), 2 (male terminalia, ventral view), 3 (detail of spine like on male terminalia, ventral view).

Type locality: Brazil, São Paulo, São Bento do Sapucaí.

Holotype male with label: (1) printed on white paper: “Brazil, São Paulo | São Bento do Sapucaí | 31.I.1996 Miguel de Souza Filho col.”; (2) printed on red paper: “Holotipo”. Preservation: fixed in a plastic vial pinned with label. Missing parts: none.

Paratype male with the same label (1) as in the Holotype; (2) printed on green paper: “Paratipo”. Preservation: fixed in a plastic vial pinned with label. Missing parts: none.

**Piophilidae*****Bocainamyia haggmannarum* Papavero & Val, 1971**

Papavero & Val (1971), 106–09 (orig. desc.); 107, figs. 1 (head, frontal view), 2 (head, dorsal view), 3 (head, lateral view), 4 (male scutellum, dorsal view), 5 (female scutellum, dorsal view), and 6 (wing); 108, figs. 7 (male terminalia, posterior view), 8 (male terminalia, lateral view), 9 (male tergite 10, dorsal view), 10 (male terminalia without tergite 10, posterior view), and 11 (male terminalia without tergite 10, lateral view). Type locality: Brazil, Pará, Santarém, Fazenda Taperinha.

Holotype male with labels: (1) printed on white paper: “Fazenda Taperinha | Santarém, PA [Pará State] Brasil X-XI.1970 | Exp. Perm. Amaz. [Amazon Permanent Expedition]”; (2) printed on red paper: “HOLOTIPO”; (3) printed with handwritten inscriptions on white paper: “*Bocainamyia* | *haggmannarum* | N. Papavero e | F. C. Val det. ‘70 [1970]”. Preservation: Pinned. Missing parts: apex of right wing and tibia and tarsus of left leg III.

Paratype female with the same labels (1), (2) and (3) as in the Holotype, with label (2) differing in: “PARATIPO”. Preservation: Pinned. Missing parts: none.

Paratype male with labels: (1) handwritten on white paper: “Maloquinha, PA [Pará State] | prx. Itaituba | XI-70 [1970] EPA [Amazon Permanent Expedition]”; and with the same labels (2) and (3) as in the first Paratype. Preservation: Pinned, postabdomen in a plastic vial pinned separately from the specimen. Missing parts: none.

**Pyrgotidae*****Carrerapyrgota aczeli* Mello, Lamas & Rafael, 2010**

Mello, Lamas & Rafael (2010), 47–51 (orig. desc.); 48, figs. 1A (habitus, lateral view), 1B (head, dorsal view), 1C (head, lateral view); 48, 2A (palpus, dorsal view); 49, 3A

(fore femur, posterior view); 50, 4A (wing); 50, 5A (male sternite 5); 51, figs. 6A (male terminalia, posterior view), 6B (male terminalia, lateral view), 6C (ejaculatory apodeme), 6D (apex of phallus, lateral view), 6E (oviscape, ventral view), 6F (oviscape, lateral view), and 6G (aculeus, ventral view). Type locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia.

Holotype: female with labels: (1) printed on white paper: "BRASIL-S. Paulo. [São Paulo State] | Boracea [Boracéia] XI-1941 | Almeida coll."; (2) printed on red paper: "HOLOTIPO". Preservation: Pinned. Missing parts: tarsomeres four to five of left leg I, tarsus of right leg II and tarsomeres three to five of right leg III.

Paratype male with labels: (1) printed on white paper: "THEREZOPOLIS | E. DO RIO [Rio de Janeiro State] 1940 | TRAV. E FREITAS"; (2) printed on green paper: "PARÁTIPO". Preservation: Pinned, abdomen in a plastic vial pinned with the specimen. Missing parts: tarsus of right leg II.

Paratype male with labels: (1) printed on white paper: "Salesópolis, SP [São Paulo State] | Est. Biológica Boracéia | X.1995 | DZUSP"; (2) same as the former. Preservation: Pinned. Missing parts: none.

Paratype female with labels: (1) printed with handwritten inscriptions on white paper: "Itatiaya [Itatiaia] – 700m | Est. do Rio [Rio de Janeiro State] | Brasil *Lic?* [characters undistinguishable] | *11.-XII: 38* [1938]. | J. F. Zikán [lateral inscription]."; (2) same as the former. Preservation: Pinned, both wings damaged in posterior half. Missing parts: femur, tibia and tarsus of left leg III.

Paratype female with labels: (1) printed with handwritten inscriptions on white paper: "ITATIAYA, [Itatiaia] 700m | Est. do Rio. [Rio de Janeiro State] Brasil | *5: III; 1939?* [character undistinguishable] | J. F. Zikán [lateral inscription]."; (2) same as the former. Preservation: pinned. Missing parts: none.

Paratype female with labels: (1) printed on white paper: "São Paulo | Campos do Jordão | Lefevre 1200 ms."; (2) handwritten on white paper: "II-1953 | L. Travassos Fæ%"; (3) printed on green paper: "PARÁTIPO". Preservation: Pinned. Missing parts: tarsomeres two to five of right leg I.

Paratype female with labels: (1) printed on white paper: "COLEÇÃO | CAMPOS SEABRA"; (2) printed with handwritten inscriptions on white paper: "CORUPÁ | S. Catarina [Santa Catarina State] BRASIL | *XI:1955* | A. Maller"; (3) same as the former. Preservation: Pinned. Missing parts: none.

Paratype female with labels: (1) printed with handwritten inscriptions on white paper: "BARUERI | S. Paulo [São Paulo State] BRASIL | *15-XII-1958* | K. Lenko *leg.*"; (2) handwritten on white paper: "Na Luz [at light]"; (3) same as the former. Preservation: Pinned, right wing and abdomen in a plastic vial pinned with the specimen. Missing parts: tarsomeres two to five of left leg III.

Paratype female with labels: (1) printed with handwritten inscriptions on white paper: "Est. Biol. [Biological Sta-

tion] Boracéia | Salesópolis, SP- Br. [São Paulo State – Brazil] | *22-24.X.82* [1982] *Luz | Exc. DZUSP col.*"; (2) printed on green paper: "PARÁTIPO". Preservation: Pinned. Missing parts: none.

Paratype female with labels: (1) printed on white paper: "Salesópolis, SP [São Paulo State] | Est. Biológica Boracéia | X.1995 | DZUSP"; (2) same as the former. Preservation: Pinned. Missing parts: abdomen after segment 4.

### ***Carrerapyrgota bernardii* Mello, Lamas & Rafael, 2010**

Mello, Lamas & Rafael (2010), 51–55 (orig. desc.); 48, 2B (palpus, dorsal view); 49, 3 B (fore femur, posterior view); 50, 4B (wing); 50, 5B (male sternite 5); 52, figs. 7A (habitus, lateral view), 7B (head, frontal view), 7C (head, dorsal view), 7D (head, lateral view); 53, figs. 8A (male terminalia, posterior view), 8B (male terminalia, lateral view), 8C (ejaculatory apodeme), 8D (apex of phallus, lateral view), 8E (oviscape, ventral view), 8F (oviscape, lateral view), and 8G (aculeus, ventral view). Type locality: Brazil, Bahia, Encruzilhada.

Holotype: male with labels: (1) printed on white paper: "ENCRUZILHADA | DIVISA 960 m | BAHIA BRASIL"; (2) printed with handwritten inscriptions on white paper: "SEABRA & ROPPA | *XI – 72* [1972]"; (3) printed on red paper: "HOLÓTIPO". Preservation: Pinned. Missing parts: femur, tibia and tarsus of left leg II.

Four Paratype males and eight females with the same labels (1) and (2) as in the Holotype; (3) printed on green paper: "PARÁTIPO". Preservation: Pinned. Missing parts: one Paratype female without left pedicel and flagellomere, right flagellomere, tibia and tarsus of left leg II; one Paratype female without femur, tibia and tarsus of right leg I.

Ten Paratype males and 19 females with labels: (1) printed on white paper: "ENCRUZILHADA | BAHIA BRASIL"; and with the same labels (2) and (3) as in the first Paratypes. Preservation: Pinned. Missing parts: one Paratype male without left arista; one Paratype male without arista, femur, tibia and tarsus of left leg II and tarsomeres three to five of right leg III; one Paratype male without apex of left arista and apex of right wing; one Paratype male without apex of left wing; one Paratype female without tarsi of left legs II and III; one Paratype female without tarsus of right leg II and tarsomeres two to five of right leg III; one Paratype female without posterior region of right wing.

Five Paratype females with labels: (1) printed on white paper: "PEDRA AZUL | MINAS, [Minas Gerais State] BRASIL"; (2) printed with handwritten inscriptions on white paper: "SEABRA & | Oliveira | *XI – 72* [1972]"; (3) printed on green paper: "PARÁTIPO". Preservation: Pinned. Missing parts: one Paratype without tarsomeres three to five of right leg I.

Nine Paratype males and 10 females with labels: (1) Printed on white paper: "BRASIL, BA, [Bahia State] Encruzilhada | *15°32'25"S – 40°50'12"W* | 10-12.xii.2007"; (2) printed on white paper: "J. A. Rafael; P. C. Grossi & | D. R. Parizoto

col. | Aramadilha Luminosa, 800m”; (3) Printed on green paper: “PARATIPO”. Preservation: Pinned. Missing parts: one Paratype male without femora, tibiae and tarsi of right legs II and III; one Paratype male without left postpedicel.

### *Carrerapyrgota miliaria* Aczél, 1956

Aczél (1956b), 21–26 (orig. desc.); 22, figs. 84 (head, lateral view), 85 (head, frontal view), 86 (head, dorsal view) 87 (male postabdomen, lateral view), 88 (male postabdomen, dorsal view), 89 (epandrium, dorsal view), 90 (female abdomen, lateral view), 91 (oviscape, dorsal view), 92 (oviscape, ventral view) and 24, fig. S (wing). Mello *et al.* (2010), 55–58 (redesc.); 48, 2C (palpus, posterior view); 49, 3C (fore femur, posterior view); 50, 4C (wing); 50, 5C (male sternite 5); 56, 9A (habitus, lateral view), 9B (head, frontal view), 9C (head, dorsal view), 9D (head, lateral view); 57, figs. 10A (male terminalia, posterior view), 10B (male terminalia, lateral view), 10C (ejaculatory apodeme), 10D (apex of phallus, lateral view), 10E (oviscape, ventral view), 10F (oviscape, lateral view), and 10G (aculeus, ventral view). Type locality: Brazil, Mato Grosso do Sul, Salobra.

Holotype male with labels: (1) printed on white paper: “Mato Grosso [Mato Grosso do Sul State] | Salobra | X-1938, F. Lane”; (2) printed with handwritten inscriptions on white paper: “*Carrerapyrgota* | *miliaria* n. sp. ♂ | Dr. M. Aczél det. 19”; (3) printed on red paper: “HOLOTIPO”. Preservation: Pinned. Missing parts: femur, tibia and tarsus of left leg I.

### *Idiopyrgota setiventris* Aczél, 1956

Aczél, (1956b), 16–20 (orig. desc.); 18, figs. 78 (head, lateral view), 79 (head, dorsal view), 80 (right antenna, anterior view), 81 (left fore femur, posterior view), 82 (female abdomen, lateral view), 83 (oviscape, dorsal view) and 24 fig. R (wing). Mello & Lamas (2008), 59–64 (redesc.); 61, figs. 1A (habitus), 1B (head, frontal view), 1C (head, lateral view), 1D (thorax, dorsal view), 1E (fore femur, anterior view), 1F (wing); 62, figs. 2A (male postabdomen, lateral view), 2B (male terminalia, lateral view), 2C (male terminalia, posterior view), 2D (male terminalia, ventral view), 3A (female postabdomen, lateral view), 3B (oviscape, ventral view), 3C (aculeus, ventral view), 3D (spermathecae). Type locality: Brazil, Mato Grosso do Sul, Salobra.

Holotype female with labels: (1) printed on white paper: “Com. I.O.C. [Commission Instituto Oswaldo Cruz] BRASIL | Mato Grosso- [Mato Grosso do Sul State] Salobra | 24.8 a 6.9 [24.VIII to 6.IX] – 1940”; (2) printed with handwritten inscriptions on white paper: “*Idiopyrgota* n. g. | *setiventris* n. sp. | Dr. M. Aczél det. 1”; (3) printed on red paper: “HOLOTIPO”. Preservation: Pinned. Missing parts: none.

Paratype female with labels: (1) printed on white paper: “Mato Grosso- [Mato Grosso do Sul State] | Salobra | X-1938, F. Lane”; with the same label (2) as in the Holotype,

differing in the first line: “*Idiopyrgota* ♀”; (3) printed on white paper: “PARATIPO”. Preservation: Pinned, tibia and tarsus of the right leg I in a plastic vial pinned with the specimen. Missing parts: none.

Paratype female with the same labels (1) and (2) as in the Holotype, with label (2) differing in the second line: “♀”; (3) printed on white paper: “PARATIPO”. Preservation: Pinned. Missing parts: antennae. Two Paratypes females with the same labels (1) and (2) as in the holotype; (3) same as the former”. Preservation: Pinned. Missing parts: none.

### *Leptopyrgota accolens* Bernardi, 1991

Bernardi (1991), 331–332 (orig. desc.); 329, fig. 4 (head, lateral view). Type locality: Brazil, São Paulo, São José dos Campos.

Holotype female with labels: (1) printed on white paper: “S. JOSE DOS CAMPO [São José dos Campos] | EST. S. PAULO [São Paulo State] | H. S. Lopes XII-934 [1934]”; (2) handwritten on white paper: “L. accolens”; (3) printed on red paper: “HOLOTIPO”. Preservation: Pinned. Missing parts: tarsus of right leg II.

### *Leptopyrgota albitarsis* Aczél, 1956

Aczél (1956a), 42–46 (orig. desc.); 43, figs. 28 (head, dorsal view), 29 (head, lateral view), 30 (right antenna, anterior view), and 31 (epandrium, lateral view). Type locality: Brazil, São Paulo, Campos do Jordão.

Holotype female with labels: (1) printed on white paper: “BR-[Brazil] S. P.: [São Paulo State] Campos Jordão [Campos do Jordão] | Eug. [Eugene] Lefevre 1.200m | 18-outubro-[X] 1952 | d’Almeida & L.T.F.”; (2) printed with handwritten inscriptions on white paper: “*Leptopyrgota* ♂ | *albitarsis* n. sp. | Dr. M. Aczél det.”; (3) printed on red paper: “HOLOTIPO”. Preservation: Pinned. Missing parts: none.

“Allotype” male with the same labels (1), (2) and (3) as in the Holotype, with label (3) differing in: “ALOTIPO”. Preservation: Pinned. Missing parts: none. Paratype male with the same labels (1) and (2) as in the Holotype; (3) printed on white paper: “PARATIPO”; (4) handwritten on white paper: “♂”. Preservation: Pinned, left wing pinned between labels three and four. Missing parts: femora, tibiae and tarsi of legs II and III and abdomen.

Two Paratype females with the same labels (1) and (2) as in the “Allotype”; (3) printed on white paper: “PARATIPO”. Preservation: Pinned. Missing parts: one Paratype without right wing.

### *Leptopyrgota andrei* Bernardi, 1991

Bernardi (1991), 336–337 (orig. desc.); 333, figs. 12 (head, lateral view), 13 (oviscape, lateral view), and 14 (oviscape, dorsal view). Type locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia.



Holotype female with labels: (1) printed with handwritten inscriptions on white paper: “Est. Biol. [Biological Station] Boracéia | Salesópolis | São Paulo – Brasil | 11. XI. 1960. K. Lenko col.”; (2) printed on red paper: “HOLÓTIPO”. Preservation: Pinned. Missing parts: tarsomeres four to five of left leg III.

#### *Leptopyrgota apposita* Bernardi, 1991

Bernardi (1991), 328–330 (orig. desc.); 329, fig. 1 (head, lateral view). Type locality: Brazil, Santa Catarina, Pinhal. Holotype female with labels: (1) printed with handwritten inscriptions on white paper: “PINHAL | S. Catarina [Santa Catarina State] BRASIL | XII. 1955 | A. Maller”; (2) handwritten on white paper: “L. apposita”; (3) printed on red paper: “HOLÓTIPO”. Preservation: Pinned. Missing parts: left palpus and tarsi of right legs II and III.

#### *Leptopyrgota brevipennis* Bernardi, 1991

Bernardi (1991), 346–347 (orig. desc.); 345, fig. 26 (head, lateral view). Type locality: Brazil, São Paulo, Barueri. Holotype male with labels: (1) printed with handwritten inscriptions on white paper: “BARUERI | S. Paulo [São Paulo State] BRASIL | XI. 1966 | K. Lenko leg.”; (2) handwritten on white paper: “L. brevipennis”; (3) printed on red paper: “HOLÓTIPO”. Preservation: Pinned. Missing parts: head, right wing, apex of left wing and femur, tibia and tarsi of right leg II.

#### *Leptopyrgota caelifera* Bernardi, 1991

Bernardi (1991), 348–349 (orig. desc.). Type locality: Brazil, São Paulo, Itu. Holotype male with labels: (1) printed with handwritten inscriptions on white paper: “Faz. [farm] Pau D’Alho | Itu – São Paulo | Brasil | 1-5/XI/61 [1961] | U. Martins- / Kloss e Silva col.”; (2) printed on red paper: “HOLÓTIPO”. Preservation: Pinned, with a hole on the right side of segments 4 and 5 of abdomen. Missing parts: apex of right arista, posterior half of right wing, halteres, apex of tibia and tarsus of right leg I.

#### *Leptopyrgota celeriuscula* Bernardi, 1991

Bernardi (1991), 330–331 (orig. desc.); 329, figs. 2 (head, lateral view), and 3 (oviscape, dorsal view). Type locality: Brazil, São Paulo, Barueri. Holotype male with labels: (1) printed with handwritten inscriptions on white paper: “BARUERI | S. Paulo [São Paulo State] BRASIL | XII. 1966 | K. Lenko leg.”; (2) handwritten on white paper: “L. celeriuscula”; (3) handwritten on white paper: “L. celeriuscula | holótipo”; (4) printed on red paper: “HOLÓTIPO”. Preservation: Pinned. Missing parts: none.

#### *Leptopyrgota cocta* Bernardi, 1991

Bernardi (1991), 335–336 (orig. desc.); 333, fig. 11 (head, lateral view). Type locality: Brazil, Santa Catarina, Pinhal. Holotype male with labels: (1) printed with handwritten inscriptions on white paper: “PINHAL | S. Catarina [Santa Catarina State] BRASIL | XII. 1955 | A. Maller”; (2) printed on red paper: “HOLÓTIPO”. Preservation: Pinned. Missing parts: costal area of right wing, apical 2/3 of left wing, femur, tibia and tarsus of right leg II and tarsomeres three to five of left leg III.

#### *Leptopyrgota definienda* Bernardi, 1991

Bernardi (1991), 334–335 (orig. desc.); 333, figs. 9 (head of male, lateral view), and 10 (head of female, lateral view). Type locality: Brazil, Rio de Janeiro, Itatiaia. Holotype male with labels: (1) printed with handwritten inscriptions on white paper: “ITAIAYA, [Itatiaia] 700m | Est. do Rio. [Rio de Janeiro State] Brasil | 1:XII:1947 ? [character undistinguishable] | F. Zikán [lateral inscription]”; (2) handwritten on white paper: “♂”; (3) printed on red paper: “HOLÓTIPO”. Preservation: Pinned. Missing parts: abdomen. Paratype female with labels: (1) printed with handwritten inscriptions on white paper: “Itatiaia- [Itatiaia] 700m | Est. do Rio [Rio de Janeiro State] | Brasil licht | 21:XII:29 [1929] | J. F. Zikán [lateral inscription]”; (2) handwritten on white paper: “33”; (3) handwritten on blue paper: “5.”; (4) handwritten on green paper: “PARÁTIPO”. Preservation: Pinned, left wing broken in the middle. Missing parts: femora, tibiae and tarsi of left legs I and II and tarsus of left leg III.

#### *Leptopyrgota ensifera* Bernardi, 1991

Bernardi (1991), 332–334 (orig. desc.); 329, figs. 6 (head, lateral view), and 7 (oviscape, dorsal view). Type locality: Brazil, São Paulo, Cajuru, Cássia dos Coqueiros. Holotype female with labels: (1) printed on white paper: “Cássia dos Coqueiros, | Mun. Cajuru [Cajuru municipality], SP [São Paulo State] | Brasil. II-1955 | M. P. Barretto col.”; (2) handwritten on white paper: “L. ensifera”; (3) printed on red paper: “HOLÓTIPO”. Preservation: Pinned, base of right wing partially destroyed. Missing parts: left wing.

#### *Leptopyrgota flavipes* Bernardi, 1991

Bernardi (1991), 344–346 (orig. desc.); 345, fig. 24 (head, lateral view). Type locality: Brazil, São Paulo, Campos do Jordão. Holotype male with labels: (1) printed on white paper: “São Paulo | Campos do Jordão”; (2) handwritten on white paper: “XII-52 [1952] | L. travassos F.”; (3) handwritten on white paper: “L. flavipes”; (4) printed on red paper: “HOLÓTIPO”. Preservation: Pinned. Missing parts: right arista.



***Leptopyrgota gracilenta* Bernardi, 1991**

Bernardi (1991), 343–344 (orig. desc.); 342, fig. 23 (head, lateral view). Type locality: Brazil, São Paulo, São Paulo. Holotype female with labels: (1) handwritten on white paper: “São Paulo | Sto [Santo] Amaro | J. Lane-col. | XII-54 [1954] [lateral inscription]”; (2) handwritten on white paper: “L. gracilenta”; (3) printed on red paper: “HOLÓTIPO”. Preservation: Pinned. Missing parts: femora, tibiae and tarsi of left legs II and III and tarsomeres two to five of right leg III.

***Leptopyrgota hesterna* Bernardi, 1991**

Bernardi (1991), 349–350 (orig. desc.). Type locality: Brazil, São Paulo, Campos do Jordão. Holotype male with labels: (1) printed on white paper: “São Paulo | Campos do Jordão”; (2) handwritten on white paper: “Jan<sup>o</sup> [I] 1953 | L. Travassos F<sup>o</sup>”; (3) handwritten on white paper: “L. hesterna”; (4) printed on red paper: “HOLÓTIPO”. Preservation: Pinned. Missing parts: right wing and halter, tibia and tarsus of right leg II, femora, tibiae and tarsi of legs III and abdomen.

***Leptopyrgota isabelae* Bernardi, 1991**

Bernardi (1991), 343 (orig. desc.); 342, figs. 20 (oviscape, dorsal view), 21 (oviscape, lateral view), and 22 (head, lateral view). Type locality: Brazil, São Paulo, Ribeirão Preto. Holotype female with labels: (1) printed on white paper: “Rio Tamanduá | Ribeirão Preto. SP [São Paulo State] | Brasil X-1953 | M. P. Barretto col.”; (2) handwritten on white paper: “L. abcisa”; (3) printed on red paper: “HOLÓTIPO”. Preservation: Pinned. Missing parts: left halter, femur, tibia and tarsus of right leg III.

***Leptopyrgota juniae* Bernardi, 1991**

Bernardi (1991), 340–341 (orig. desc.); 342, fig. 18 (head, lateral view). Type locality: Brazil, Rio de Janeiro, Itatiaia. Holotype male with labels: (1) printed with handwritten inscriptions on white paper: “ITATIAYA [Itatiaia], 700 m. | Est. do Rio [Rio de Janeiro State]. Brasil | 22: I: 1933 T. | J. F. Zikán [lateral inscription]”; (2) handwritten on white paper: “237”; (3) handwritten on white paper: “L. juniae”; (4) printed on red paper: “HOLÓTIPO”. Preservation: Pinned. Missing parts: none.

***Leptopyrgota lenkoi* Bernardi, 1991**

Bernardi (1991), 346 (orig. desc.); 345, fig. 25 (head, lateral view). Type locality: Brazil, São Paulo, Barueri. Holotype male with labels: (1) handwritten on white paper: “23.XII.1956 | Barueri/Est. | de S. Paulo [São Paulo State] / . | Karol Lenko-leg.”; (2) handwritten on white paper: “L.

lenkoi”; (3) printed on red paper: “HOLÓTIPO”. Preservation: Pinned. Missing parts: left postpedicel, right wing and halter, anal region of left wing, tarsomeres four to five of left leg I, femur, tibia and tarsus of left leg II, tarsomeres four to five of right leg II, femur, tibia and tarsus of right leg III and tarsus of left leg III.

***Leptopyrgota liae* Bernardi, 1991**

Bernardi (1991), 341–342 (orig. desc.); 329, fig. 8 (oviscape, dorsal view); 342, fig. 19 (head, lateral view). Type locality: Brazil, Santa Catarina, Nova Teotônia. Holotype female with labels: (1) printed with handwritten inscriptions on white paper: “Brasilien [Brazil] | Nova Teutonia | 27°11'B 52°23'L | Fritz Plaumann | 300 – 500 m [lateral inscription] | IX. 1967I [1971]”; (2) handwritten on white paper: “L. Raquel”; (3) printed on red paper: “HOLÓTIPO”. Preservation: Pinned, costal area of both wing partially destroyed. Missing parts: tarsomeres four to five of left leg III, femora, tibiae and tarsi of right legs II and III.

***Leptopyrgota marci* Bernardi, 1991**

Bernardi (1991), 337–339 (orig. desc.); 333, fig. 15 (head, lateral view). Type locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Holotype male with labels: (1) printed on white paper: “BR-S.P.: [Brazil, São Paulo State] Salesópolis | Boracea [Boracéia] 15.XII.1947 | E. Rabelo col.”; (2) handwritten on white paper: “L. newtoni?”; (3) printed on red paper: “HOLÓTIPO”. Preservation: Pinned, costal area of both wing partially destroyed. Missing parts: tarsomeres three to five of left leg III. Paratype female with labels: (1) printed on white paper: “Light trap”; (2) printed with handwritten inscriptions on white paper: “Est. Biol. [Biological Satation of] Boracéia | Salesópolis S.P. [São Paulo State] | 21-25/X/63 [1963] | J. H. Guimarães col.”; (3) handwritten on white paper: “L. flacita”; (4) printed on green paper: “PARÁTIPO”. Preservation: Pinned. Missing parts: apex of right arista, apex of left wing and anal region of right wing.

***Leptopyrgota minensis* Bernardi, 1991**

Bernardi (1991), 348 (orig. desc.); 345, figs. 29 (tibia) and 30 (head, lateral view). Type locality: Brazil, Minas Gerais, Pouso Alegre. Holotype female with labels: (1) handwritten on white paper: “Minas Gerais | Pouso Alegre | P. Pereira col. | I-946 [1946] [lateral inscription]”; (2) handwritten on white paper: “L. minensis”; (3) printed on red paper: “HOLÓTIPO”. Preservation: Pinned, left wing partially broken on basal third. Missing parts: apex of left arista, tarsomeres four to five of right legs II and III.

***Leptopyrgota quaerens* Bernardi, 1991**

Bernardi (1991), 332 (orig. desc.); 329, fig. 5 (head, lateral view). Type locality: Brazil, Minas Gerais, Jaboticatubas, Serra do Cipó.

Holotype male with labels: (1) handwritten on white paper: “Jaboticabas [Jaboticatubas] | S. [Serra] do Cipó, MG [Minas Gerais State] | X-1975 | Vanin & Froehlich”; (2) printed on red paper: “HOLÓTIPO”. Preservation: Pinned. Missing parts: left pedicel and postpedicel, femur, tibia and tarsus of left leg II, tarsomeres four to five of left leg III.

***Leptopyrgota sarae* Bernardi, 1991**

Bernardi (1991), 339–340 (orig. desc.); 333, figs. 16 (head, lateral view), and 17 (oviscape, lateral view). Type locality: Brazil, Rio de Janeiro, Itatiaia.

Holotype female with labels: (1) printed with handwritten inscriptions on white paper: “ITATIAYA [Itatiaia], 700m | Est. do Rio [Rio de Janeiro State]. Brasil | 23. 1. [I] 1944 T. | J. F. Zikán [lateral inscription]”; (2) handwritten on white paper: “Topica | **sp. nov.**”; (3) printed on red paper: “HOLÓTIPO”. Preservation: Pinned, right wing broken and folded at base. Missing parts: left pedicel and postpedicel, femur, tibia and tarsus of left leg III.

Paratype female with labels: (1) printed with handwritten inscriptions on white paper: “Itatiaia- [Itatiaia] 700m | Est. do Rio [Rio de Janeiro State]. | Brasil *Licht* [light] | 17. XII. 29 [1929] | J. F. Zikán [lateral inscription]”; (2) handwritten on white paper: “L. topica”; (3) printed on green paper: “PARÁTIPO”. Preservation: Pinned, right wing with costal area partially destroyed. Missing parts: right legs II and III, tarsus of left leg II and tarsomeres three to five of left leg III.

***Leptopyrgota tibialis* Bernardi, 1991**

Bernardi (1991), 347–348 (orig. desc.); 345, figs. 27 (head, lateral view), and 28 (tibia). Type locality: Brazil, Rio de Janeiro, Itatiaia.

Holotype female with labels: (1) printed on white paper: “Itatiaia, Est do Rio [Rio de Janeiro State], Brasil | (L. 41, 1300m.) Trav. [Travassos], | Albuquerque & Pearson | 10/12-10- 950 [X. 1950]”; (2) handwritten on white paper: “L. tibialis”; (3) printed on red paper: “HOLÓTIPO”. Preservation: Pinned. Missing parts: femur, tibia and tarsus of right leg II.

***Neopyrgota (Allopyrgota) hennigi* Aczél, 1956**

Aczél (1956b), 12–15 (orig. desc.); 14, figs. 75 (head, lateral view), 76 (head, dorsal view), 77 (epandrium, posterior view). Type locality: Brazil, São Paulo, Campos do Jordão.

Holotype male with labels: (1) printed on white paper: “BR- [Brazil] S. P.: [São Paulo State] Campos Jordão [Campos do Jordão] | Eug. [Eugene] Lefevre 1.200m | 18-outubro- [X] 1952 | d’Almeida & L.T.F.”; (2) printed with

handwritten inscriptions on white paper: “Inst. M. [Instituto Miguel] Lillo | Preparación | N° 217 M. Ala”; (3) printed with handwritten inscriptions on white paper: “*Neopyrgota* ♂ | *hennigi* n. sp. | Dr. M. Aczél det.”; (4) printed on red paper: “HOLÓTIPO”. Preservation: Pinned, left wing mounted on a slide deposited in IMLA [Instituto y Fundación Miguel Lillo Argentina]. Missing parts: none.

**Tephritidae*****Anastrepha amita* Zucchi, 1979**

Zucchi (1979a), 35 (orig. desc.); 36, fig. 1 (oviscape apex, ventral view); 38, fig. 12 (wing). Type locality: Brazil, Bahia, Cruz das Almas.

Holotype female with labels: (1) printed on violet paper: “HOLOTYPE”; (2) printed with handwritten inscription on white paper: “*Anastrepha* | *amita* | det. Zucchi”; (3) handwritten on white paper: “Cruz das Almas – BA [Bahia State] | frasco caça mosca | sem data | A. S. Nascimento col.”. Preservation: Pinned, abdomen in plastic vial pinned with the specimen. Missing parts: tarsus of right leg III.

***Anastrepha barretto* Zucchi, 1979**

Zucchi (1979a), 35 (orig. desc.); 36, fig. 2 (oviscape apex, ventral view); 38, fig. 13 (wing). Type locality: Brazil, São Paulo, Araçatuba.

Holotype female with labels: (1) handwritten on violet paper: “HOLOTIPO”; (2) printed with handwritten inscription on white paper: “*Anastrepha* | *barretto* | det. Zucchi”; (3) printed with handwritten inscription on white paper: “Est. S. Paulo [São Paulo State] | Araçatuba | Córrego Azul | Barreto col.”. Preservation: Pinned, abdomen in a plastic vial pinned with the specimen; left wing partially damaged and right one with an incision on costal area. Missing parts: none.

***Anastrepha belenensis* Zucchi, 1979**

Zucchi (1979a), 36–37 (orig. desc.); 36, fig. 3 (oviscape apex, ventral view); 38, fig. 14 (wing). Type locality: Brazil, Pará, Belém.

Holotype female with labels: (1) handwritten on violet paper: “HOLOTIPO”; (2) printed with handwritten inscription on white paper: “*Anastrepha* | *belenensis* | det. Zucchi”; (3) handwritten on white paper: “Belém – PA [Pará State] | sem data coleta | A. B. da Silva col.”; (4) printed with handwritten inscription on white paper: “N.º 224”. Preservation: Pinned, abdomen in a plastic vial pinned with the specimen. Missing parts: left leg III.

***Anastrepha matertela* Zucchi, 1979**

Zucchi (1979a), 37 (orig. desc.); 36, fig. 4 (oviscape apex, ventral view); 38, fig. 15 (wing). Type locality: Brazil, Bahia, Cruz das Almas.

Holotype female with labels: (1) printed on violet paper: “HOLOTYPE”; (2) printed with handwritten inscription on white paper: “Anastrepha | *matertela* | det. Zucchi”; (3) handwritten on white paper: “Cruz das Almas – BA [Bahia State] | Chapadinha | frasco caça mosca | A. S. Nascimento col. | 10/VIII/1987 [1977] [lateral inscription]”. Preservation: Pinned, abdomen in a plastic vial pinned with the specimen. Missing parts: none.

#### ***Anastrepha megacantha* Zucchi, 1984**

Zucchi (1984), 279–280 (orig. desc.); 280, figs. 1 (wing), 2A (rasper, dorsal view), and 2B (rasper, lateral view). Type locality: Brazil, Amazonas.

Holotype female with labels: (1) handwritten on violet paper: “Holótipo ♀”; (2) printed with handwritten inscription on white paper: “*Anastrepha | megacantha* Zucchi | R. A. Zucchi det. 1984”; (3) handwritten on white paper: “Ducke, Amazonas | Light trap 15 m | 15/6/79 [VI/1979] J. Arias”. Preservation: Pinned, abdomen in a plastic vial pinned with the specimen. Missing parts: right leg II and both legs III.

#### ***Anastrepha mixta* Zucchi, 1979**

Zucchi (1979a), 37 (orig. desc.); 36, fig. 5 (oviscape apex, ventral view); 38, fig. 16 (wing). Type locality: Brazil, Mato Grosso, Utiariti.

Holotype female with labels: (1) printed on violet paper: “HOLOTYPE”; (2) printed with handwritten inscription on white paper: “*Anastrepha | mixta* | det. Zucchi”; (3) printed on white paper: “Utiariti | Rio Papagaio, Mt [Mato Grosso State] | XI.1966 | Lenko & Pereira”. Preservation: Pinned, head glued on a plastic triangle, and abdomen in a plastic vial pinned with the specimen. Missing parts: none.

#### ***Anastrepha nascimentoi* Zucchi, 1979**

Zucchi (1979a), 37 (orig. desc.); 36, fig. 6 (oviscape apex, ventral view); 38, fig. 17 (wing). Type locality: Brazil, Bahia, Cruz das Almas.

Holotype female with labels: (1) printed on violet paper: “HOLOTYPE”; (2) printed with handwritten inscription on white paper: “*Anastrepha | nascimentoi* | det. Zucchi”; (3) handwritten on white paper: “Cruz das Almas – BA [Bahia State] | frasco caça mosca | sem data | A. S. Nascimento col.”. Preservation: Pinned, abdomen in a plastic vial pinned with the specimen. Missing parts: none.

#### ***Anastrepha reichardti* Zucchi, 1979**

Zucchi (1979b), 115 (orig. desc.); 116, fig. 1 (wing); 117, fig. 3 (oviscape apex, ventral view). Type locality: Venezuela, Aragua, Rancho Grande.

Holotype female with labels: (1) handwritten on red paper: “HOLOTIPO”; (2) printed with handwritten inscription

on white paper: “*Anastrepha | reichardti* | det. Zucchi”; (3) printed on violet paper: “Rancho Grande, Ar. | Venezuela, à luz | 1100 m, 16.XI.1968 | H. Reichardt col.”. Preservation: Pinned, abdomen in a plastic vial pinned with the specimen, and right wing with apical half partially damaged. Missing parts: none.

#### ***Anastrepha sagittifera* Zucchi, 1979**

Zucchi (1979a), 38–39 (orig. desc.); 36, fig. 6 (oviscape apex, ventral view); 38, fig. 17 (wing). Type locality: Brazil, Bahia, Cruz das Almas.

Holotype female with labels: (1) printed on violet paper: “HOLOTYPE”; (2) printed with handwritten inscription on white paper: “*Anastrepha | sagittifer* | det. Zucchi”; (3) printed on white paper: “Baixo Guandu, ES. [Espírito Santo State] | IX. 1970 | P. C. Elias col.”. Preservation: mounted at the tip of a pinned card triangle, abdomen in a plastic vial pinned with the specimen. Missing parts: both legs I, right leg II, tarsus of left leg II and left leg III.

#### ***Anastrepha simulans* Zucchi, 1979**

Zucchi (1979a), 39 (orig. desc.); 36, fig. 8 (oviscape apex, ventral view); 38, fig. 19 (wing). Type locality: Brazil, São Paulo, Salesópolis.

Holotype female with labels: (1) printed on violet paper: “HOLOTYPE”; (2) printed with handwritten inscription on white paper: “*Anastrepha | simulans* | det. Zucchi”; (3) printed with handwritten inscription on white paper: “BR – SP: [Brazil – São Paulo State] SALESÓPOLIS | BORACEA [Boracéia] – 850 m | L. TRAV. F. & E. X. RABELLO | 24.27. Junho. 1949”. Preservation: Pinned, abdomen in a plastic vial pinned with the specimen. Missing parts: left leg III.

#### ***Anastrepha sinvali* Zucchi, 1982**

Zucchi (1982), 251–254 (orig. desc.); 252, figs. 1 (wing detail), 2 (rasper, dorsal view), 3 (oviscape tip, ventral view), 4A (male terminalia, posterior view), 4B (male terminalia, lateral view), and 5 (ejaculatory apodeme, lateral view). Type locality: Brazil Santa Catarina, Caçador.

Holotype female with labels: (1) handwritten on red paper: “Holótipo”; (2) printed with handwritten inscription on white paper: “*Anastrepha | sinvalii* | det. Zucchi”; (3) handwritten on white paper: “Caçador – SC [Santa Catarina State] | frasco em macieira | e pessegueiro | D. N. Gassen col. | 27/III/1981”. Preservation: Pinned, abdomen in a plastic vial pinned with the specimen. Missing parts: none.

#### ***Anastrepha sororcula* Zucchi, 1979**

Zucchi (1979a), 39 (orig. desc.); 36, fig. 9 (oviscape, ventral view); 38, fig. 20 (wing). Type locality: Brazil, São Paulo, Ribeirão Preto.



- Holotype female with labels: (1) printed on violet paper: "HOLOTYPE"; (2) printed with handwritten inscription on white paper: "Anastrepha | *sororcula* | det. Zucchi"; (3) handwritten on white paper: "Ribeirão Preto – SP [São Paulo State] | Ex goiaba | Maria M. T. da Silva col. | 07/04 [IV]/1976 [lateral inscription]". Preservation: Pinned, abdomen in a plastic vial pinned with the specimen. Missing parts: none.
- Paratype male with labels (1) and (2) same as labels (2) and (3) of the Holotype respectively, with label (1) differing in the second and third lines: "*sororcula* ♂ | det. Zucchi, R. A."; (3) printed with handwritten inscriptions on yellow paper: "PARATYPE | ♂ n° 2". Preservation: Pinned. Missing parts: none.
- Paratype male with labels (1), (2) and (3) as in the first Paratype, with label (2) differing in date: "20/10 [X]/1976 [lateral inscription]"; and (3) in the second line: "♂ n° 1". Preservation: Pinned, abdomen in a plastic vial pinned with the specimen. Missing parts: none.
- Paratype female with the same labels (1), (2) and (3) as in the first Paratype, with label (1) differing in the second line: "*sororcula*", and (3) in the second line: "♀ n° 2". Preservation: Pinned, abdomen in a plastic vial pinned with the specimen. Missing parts: left arista.
- Paratype female with the same labels (1), (2) and (3) as in the third Paratype, with label (3) without the second line. Preservation: Pinned, abdomen in a plastic vial pinned with the specimen. Missing parts: none.
- Five Paratype females with the same labels (1) and (3) as in the third Paratype, with label (3) without the second line; (2) handwritten on white paper: "Taiuva [Taiúva] – S.P. [São Paulo State] | goiabeira-frasco | J. C. Durigan col. | 13/04/75 [IV/1975] [lateral inscription]". Preservation: Pinned, abdomen in a plastic vial pinned with the specimen; one Paratype with left wing folded on posterior margin. Missing parts: none.

#### *Anastrepha tecta* Zucchi, 1979

- Zucchi (1979b), 115 (orig. desc.); 116, fig. 2 (wing); 117, figs. 4 (holotype oviscapex apex, ventral view), and 5 (Paratype oviscapex apex, ventral view). Type locality: Peru, Pasamayo.
- Holotype female with labels: (1) handwritten on white paper: "PASAMAYO [Peru] | 26.I.68 [1968] | C. Korytkowski"; (2) handwritten on white paper: "784.68"; (3) handwritten on red paper: "Holótipo"; (4) printed with handwritten inscription on white paper: "Anastrepha | *tecta* | det. Zucchi"; (5) printed with handwritten inscription on white paper: "Univ. Nac. Pedro Ruiz Gallo | *A. rheediae* Stone 42 | Det.: C. Korytkowski 68". Preservation: Pinned, terminalia in a plastic vial pinned with the specimen. Missing parts: tarsi of left legs I and III.

#### *Anastrepha tenella* Zucchi, 1979

- Zucchi (1979a), 40 (orig. desc.); 36, fig. 10 (oviscapex, ventral view); 38, fig. 21 (wing). Type locality: Brazil, Bahia,

Cruz das Almas.

- Holotype female with labels: (1) printed on violet paper: "HOLOTYPE"; (2) printed with handwritten inscription on white paper: "Anastrepha | *tenella* | det. Zucchi"; (3) handwritten on white paper: "Cruz das Almas – BA [Bahia State] | frasco caça mosca | sem data | A. S. Nascimento col.". Preservation: Pinned, terminalia in a plastic vial pinned with the specimen. Missing parts: none.

#### *Anastrepha zenildae* Zucchi, 1979

- Zucchi (1979a), 40 (orig. desc.); 36, fig. 11 (oviscapex, ventral view); 38, fig. 22 (wing). Type locality: Brazil, Ceará, Pacajus.
- Holotype female with labels: (1) printed on violet paper: "HOLOTYPE"; (2) printed with handwritten inscription on white paper: "Anastrepha | *zenildae* | det. Zucchi"; (3) handwritten on white paper: "Pacajus – Ce [Ceará State] | Ex. goiaba | Zenilda B. de Castro col. | 10/12[XII]/1976 [lateral inscription]". Preservation: Pinned, abdomen in a plastic vial pinned with the specimen. Missing parts: left leg II.
- Paratype male with the labels (1) and (2) same as the labels (2) and (3) of the Holotype respectively, with label (1) differing in the second and third lines: "*zenildae* ♂ | det. Zucchi, R. A."; (3) printed on yellow paper: "PARATYPE". Preservation: Pinned, abdomen in a plastic vial pinned with the specimen. Missing parts: left postpedicel.
- Paratype female with labels: (1) printed on yellow paper: "PARATYPE"; with the same label (2) as in the Holotype; (3) handwritten on white paper: "Cruz das Almas | BA [Bahia State] em frasco | sem data | A. S. Nascimento col.". Preservation: Pinned, abdomen in a plastic vial pinned with the specimen. Missing parts: none.

#### *Cecidochares braziliensis* Aczél, 1953

- Aczél (1953), 130–133 (orig. desc.); 131, fig. 10 (head, lateral view). Type locality: Brazil, São Paulo, Campos do Jordão.
- Holotype male with labels: (1) printed with handwritten inscriptions on white paper: "S. Paulo [São Paulo State] | Camp. [Campos] do Jordão | III – 946 [1946] | *A Ramalho col.*"; (2) printed with handwritten inscriptions on white paper: "INST. M. [Instituto Miguel] LILLO | Preparación | N°. 130 M. [montage] *Ala*"; (3) printed with handwritten inscriptions on white paper: "*Cecidochares* ♂ | *braziliensis* n. sp. | Dr. M. Aczél det. 19"; (4) Printed on red paper: "HOLOTIPO". Preservation: Pinned, left wing mounted on slide at IMLA [Instituto y Fundación Miguel Lillo Argentina]. Missing parts: none.

#### *Cipomyia totofusca* Norrbom & Prado, 2006

- Norrbom & Prado, 2006: 4–7 (orig. desc.); 4, fig. 1 (wing); 5, figs. 4 (epandrium and surstyli, posterior view), 5 (base of phallus, phallapodeme, and hypandrium, ventral view), 6 (base of phallus, phallapodeme, and hypandrium, lat-

eral view), 7 (aculeus, ventral view), 8 (aculeus tip, ventral view), 9 (glans, lateral view) and 10 (glans, dorsal view). Type locality: Brazil, Minas Gerais, Serra do Cipó. Holotype female with labels: (1) handwritten on white paper: “Brasil, MG, [Minas Gerais State] S. Cipó [Serra do Cipó] | Estr. Usina 733 | 14/7/94 [VII/1994] Prado Solferini Orlandi”; (2) handwritten on white paper: “Cipomyia | H [holotype] | totofusca”; (3) Printed on red paper: “Holótipo”. Preservation: Pinned, left eye damaged. Missing parts: none. Paratype male with the same labels (1) and (2) as in the Holotype, with label (2) differing in the second and third lines: “totofusca P [paratype]”; (3) Printed on green paper: “Parátipo”. Preservation: Pinned. Missing parts: none.

### *Euaresta regularis* Norrbom, 1993

Norrbom (1993), 202–205 (orig. desc.); 203, fig. 2B (wing); 204, fig. 3B (sternite 5). Type locality: Brazil, São Paulo, Barueri.

Holotype female with labels: (1) printed with handwritten inscriptions on white paper: “Barueri, | São Paulo, Brasil | 4.XII.1965 | K. Lenko col.”; (2) blue circle label; (3) printed with handwritten inscriptions on red paper: “Holotype ♀ | *Euaresta regularis* | desig. [designation] Norrbom”. Preservation: glued to the tip of a pinned card point. Missing parts: none.

Paratype male with labels: (1) printed on white paper: “São Paulo | Sumaré | M. Carrera col.”; (2) handwritten on white paper: “5-I-941 [1941]”; and with the label (3) same as the label (2) of the Holotype; (4) printed on blue paper: “PARATYPE ♂ | *Euaresta regularis* Norrbom”. Preservation: glued to the tip of a pinned card point. Missing parts: none.

Paratype female with the same labels (1), (2), (3) and (4) as in the first Paratype, with label (4) differing in the first line: “PARATYPE ♀”. Preservation: glued to the tip of a pinned card point. Missing parts: none.

Paratype female with labels: (1) printed on white paper: “BRASIL – SÃO PAULO | Monte Alegre | Faz. N. S. [Fazenda [farm] Nossa Senhora da] Incarnação | 750 ms. 14.27-X-1942 | L. Trav. F. & Almeida”; (2) blue circle label; and (3) same as label (4) of the second Paratype. Preservation: pinned with a minutien attached to standard insect pin. Missing parts: head, right legs I and III and abdomen.

Paratype female with the same labels (1), (2) and (3) as in the third Paratype. Preservation: pinned with a minutien attached to standard insect pin. Missing parts: head and left wing.

Two Paratype females with labels: (1) printed on white paper: “Barão de Antonina | Itaporanga, SP [São Paulo State] | Brasil I.1946 | M. P. Barretto col.”; and with the same labels (2) and (3) as in the third Paratype. Preservation: pinned with a minutien attached to standard insect pin. Missing parts: one Paratype without left pedicel and postpedicel; one Paratype without left antenna.

Paratype female with labels: (1) printed with handwritten inscription on white paper: “S. Paulo [São Paulo State] | Camp. [Campos] do Jordão/L. Travassos F<sup>o</sup> + | *E. Rabello* | III-53 [1953] [lateral inscription]”; and with the same labels (2) and (3) as in the third Paratype. Preservation: pinned with a minutien attached to standard insect pin. Missing parts: head and all legs except left coxa and femur III.

Paratype female with labels: printed on white paper: “M.G. [Minas Gerais State] Sapucaí-mirim | Cidade Azul-1400m. | 7. Nov [IX] 1953 | L. Trav F. & M. Kuhlmann | C. Gans & S. Medeiros”; and with the same labels (2) and (3) as in the third Paratype. Preservation: pinned with a minutien attached to standard insect pin. Missing parts: none.

Paratype female with labels: (1) printed with handwritten inscription on white paper: “SÃO PAULO | Osasco | *Vulcano* & [and] | *Martinez* | 20.XI.55 [1955] [lateral inscription]”; and with the same labels (2) and (3) as in the third Paratype. Preservation: Pinned. Missing parts: none.

Paratype female with the same label (1) as in the Holotype, differing in the third line: “5.2-66 [II-1966]”; and with the same labels (2) and (3) as in the third Paratype. Preservation: Pinned. Missing parts: none.

Four Paratype males with the labels (1), (2), (3) and (4) as in the ninth Paratype, with label (1) differing in the second and third lines: “SP, [São Paulo State] Brasil | 3-II-1968”, and label (3) in the first line: “PARATYPE ♂”. Preservation: glued to the tip of a pinned card point. Missing parts: none.

Four Paratype females with the same labels as in the tenth Paratype, with label (3) differing in the first line: “PARATYPE ♀”. Preservation: glued to the tip of a pinned card point. Missing parts: one Paratype without apical half of the right wing.

### *Euaresta versicolor* Norrbom, 1993

Norrbom (1993), 203 (orig. desc.); 203, 2C (wing); 204, fig. 3C (sternite 5), 3D (male terminalia, posterior view), 3E (male terminalia, lateral view), 3F (aedeagus, ventral view), 3G (aedeagus, lateral view). Type locality: Brazil, São Paulo, Barueri.

Holotype male with labels: (1) printed with handwritten inscription on white paper: “25-X-1955 | Barueri | S. Paulo [São Paulo State] | 3528 [lateral inscription]”; (2) printed with handwritten inscription on white paper: “K. Lenko leg.”; (3) printed with handwritten inscription on green paper: “Wing slide | by # 17.IX.91 [1991] F | USNM”; (3) printed with handwritten inscription on red paper: “Holotype ♂ | *Euaresta versicolor* | desig. Norrbom”. Preservation: glued to the tip of a pinned card point. Missing parts: none.

Paratype male with labels: (1) handwritten on white paper: “BRAZIL: São Paulo, | Barueri, 25.X.1955 | K. Lenko-3528”; (2) blue circle label; (3) printed on blue paper:

“PARATYPE ♂ | Euaresta | versicolor Norrbom”. Preservation: glued to the tip of a pinned card point. Missing parts: none.

### ***Eutreopsis albipunctata* Norrbom & Prado, 2006**

Norrbom & Prado (2006), 9–11 (orig. desc.): 4, fig. 2 (wing); 10, figs. 11 (aculeus, ventral view), 12 (aculeus tip, ventral view), 13 (glans, lateral view) and 14 (glans, dorsal view). Type locality: Brazil, São Paulo, Campos do Jordão. Holotype male with labels: (1) printed on white paper: “S. Paulo [São Paulo State] | Camp. do Jordão [Campos do Jordão] | *L. Travassos F. | E. Rabello* | III. 53 [1953 (lateral inscription)]”; (2) printed with handwritten inscription on red paper: “Holotype ♂ | *Eutreopsis | albipunctata* | design. [designation] Norrbom”; (3) printed on plastic label: “USNM ENT 00213195”. Preservation: Pinned, abdomen in glycerine in a plastic vial. Missing parts: none.

### ***Hexachaeta enderleini* Lima, 1935**

Lima (1935), 241 (orig. desc.): plate III, figs. 11 (wing), 12 (wing) and 13 (wing), plate IV, figs. 10 (oviscape, ventral view), and 17 (female abdomen, ventral view). Type locality: Brazil, São Paulo, São Paulo. Holotype female with labels: (1) handwritten on white paper: “347.”; (2) printed with handwritten inscription on white paper: “*Hexachaeta | enderleini* ♀ | *n. sp.* | Costa Lima det.”; (3) Printed on red paper: “TYPO [Holotype]”. Preservation: Pinned. Missing parts: both postpedicel, right wing, femur, tibia and tarsi of left leg II and abdomen.

### ***Lewinsohnia magna* Norrbom & Prado, 2006**

Norrbom & Prado (2006), 12–16 (orig. desc.): 4, fig. 3 (wing); 13, figs. 15 (habitus, dorsal view), 16 (habitus, lateral view); 14, figs. 17 (head, lateral view), 18 (aculeus, ventral view), 19 (aculeus tip, ventral view), 20 (glans, dorsal view), 21 (epandrium and surstyli, posterior view) and 22 (male terminalia, lateral view). Type locality: Brazil, Minas Gerais, Joaquim Felício, Serra do Cabral. Holotype male with labels: (1) printed on white paper: “BRASIL, MG, [Minas Gerais State] Joaquim Felício, | Serra do Cabral, prox. Matinha | 17°41,37' S 44°11,88' W | Lewinsohn, Prado, Santos, Silva, | 3/9/96 [IX-1996] PIC 96605”; (2) handwritten on white paper: “Lewinsohnia | magna H [holotype]”; (3) Printed on red paper: “Holótipo”. Preservation: Pinned. Missing parts: none. Two Paratype males and one female with the same label (1) as in the Holotype; (2) handwritten on white paper: “PIC 96605”; (3) handwritten on white paper: “Lewinsohnia | magna P [paratype]”; (4) Printed on green paper: “Parátipo”. Preservation: Pinned, left wing damaged on apex. Missing parts: Paratype female without left postpedicel.

### ***Molynocoelia plumosa* Norrbom, 2006**

Norrbom (2006), 60–63 (orig. desc.); 38, fig. 3 (head, lateral view); 51, fig. 31 (habitus, dorsal view); 56, fig. 40 (wing); 59, figs. 44 (epandrium and surstyli, posterior view), 46 (glans); 61, fig. 49 (aculeus, dorsal view). Type locality: Brazil, Amapá. Holotype female with labels: (1) printed on white paper: “SERRA do NAVIO | Terr. Amapá [Amapá State] BRASIL | 19-X-1957 | K. Lenko *leg.*”; (2) printed on white paper: “COLECAO | CAMPOS SEABRA”; (3) printed with handwritten inscription on red paper: “Holotype ♀ | *Molynocoelia | plumosa* | design. [designation] Norrbom”. Preservation: Pinned, head glued on pin. Missing parts: left antenna and left leg I.

### ***Polionota parva* Norrbom, 1988**

Norrbom (1988), 110–112 (orig. desc.); 111, figs. 3L (aculeus, ventral view), 3M (spermatheca); 118, fig. 6H (wing). Type locality: Brazil, São Paulo, Salesópolis. Holotype female with labels: (1) printed on white paper: “Est. Biol. Boracéia | Salesópolis – S. P. [São Paulo State] | Brasil – IV.1962 | N. Papavero col.”; (2) printed on white paper: “HOLOTYPE [in red] ♀ | *Polionota | parva* | desig. [designation] Norrbom XII.86 [1986]”. Preservation: pinned, right wing mounted on slide. Missing parts: left wing partly missing.

### ***Rhagoletis adusta* Foote, 1981**

Foote (1981), 45–46 (orig. desc.); 62, fig. 10 (head, lateral view); 63, fig. 23 (thorax, dorsal view); 66, fig. 45 (oviscape, ventral view); 68, fig. 58 (aedeagus, lateral view); 69, fig. 64 (ejaculatory apodeme, lateral view); 70, fig. 69 (surstylus, lateral view); 72, fig. 86 (wing). Type locality: Brazil, São Paulo, Serra da Cantareira. Holotype female with labels: (1) printed on white paper: “Est. S. Paulo [São Paulo State] | Cantareira | Chapadão [Chapadão] | Barretto col. | 8-946 [VIII-1946] [lateral inscription]”; (2) blue circle label; (3) printed with handwritten inscriptions on white paper: “*Holotype* [encircled in red] | *Rhagoletis | adusta* Foote | d. RHFoote’ 7”; (4) printed on red paper: “Holótipo”. Preservation: Pinned, left wing with costa area damaged. Missing parts: right wing. Paratype sex undetermined with the same labels (1) and (2) as in the Holotype; (3) printed with handwritten inscriptions on white paper: “*Para- / type* [lateral inscription] | *Rhagoletis | adusta* Foote | d. RHFoote’ 78”; (4) printed on green paper: “Parátipo”. Preservation: Pinned, abdomen in microvial, right wing partially damaged on costal area. Missing parts: none. Paratype female with the same label (1) as in the Holotype; with the label (2) same as label (3) of the first Paratype;



(3) printed with handwritten inscriptions on white paper: “Paratype | *Rhagoletis* | *adusta* Foote | d. RHFoote’ 7””; (4) printed on green paper: “Parátipo”. Preservation: specimens partially broken up, all parts glued on a white card. Missing parts: none.

### ***Rhagoletotrypeta morgantei* Norrbom, 1994**

Norrbom (1994), 55 (orig. desc.); 48, fig. 6E (wing); 52, figs. 9A (male terminalia, posterodorsal view), 9B (male terminalia, lateral view), and 9E (distiphallus). Type locality: Brazil, São Paulo, Ribeirão Preto, Guataparã.

Holotype male with labels: (1) printed on white paper: “Est. S. Paulo [São Paulo State] | Rib. [Ribeirão] Preto | Guataparã | Barretto col. | 1-945 [I-1945] [lateral inscription]”; (2) printed with handwritten inscription on red paper: “Holotype ♂ | *Rhagoletotrypeta* | *morgantei* | desig. [designation] Norrbom | III. 1993”; (3) printed with handwritten inscription on green paper: “Wing slide by # 5-IX-91 [1991] D | USNM”. Preservation: Pinned, abdomen in a plastic vial pinned with specimen. Missing parts: none.

### ***Tomoplagia achromoptera***

#### **Prado, Norrbom & Lewinsohn, 2004**

Prado, Norrbom & Lewinsohn (2004), 190–192 (orig. desc.); 191, fig. 1B (wing); 192, fig. 2A (female terminalia, ventral view). Type locality: Brazil, Minas Gerais, Diamantina.

Holotype female with labels: (1) printed on white paper: “BRASIL MG, [Minas Gerais State] Diamantina, | 18°9,58’S 44°43,01’W | T. Lewinsohn, M. Lopes, B. Buys, | J. Silva, 15/4/96 [IV-1996] PIC 96420”; (2) printed on red paper: “Holótipo”; (3) handwritten on white paper: “Tomoplagia | achromoptera”. Preservation: Pinned. Missing parts: tarsomeres two to five of left leg III.

Paratype female with labels: (1) printed on white paper: “BRASIL MG, [Minas Gerais State] Joaquim Felício, | Serra do Cabral | 17°42,43’S 44°11,52’W | T. Lewinsohn, M. Lopes, B. Buys, | J. Silva, 13/4/96 [IV-1996] PIC 96359”; (2) handwritten inscription on white paper: “PIC | 96359”; (3) handwritten on white paper: “LAM K-Y-O 194”; (4) printed on green paper: “Parátipo”; (5) handwritten on white paper: “Tomoplagia P [paratype] | achromoptera”. Preservation: Pinned. Missing parts: right wing and tibia and tarsus of left leg II.

Paratype female with the same label (1) as in the Holotype, differing in the fourth line: “J. Silva, 19/4/96 [IV-1996] PIC 96472”; (2) handwritten on white paper: “PIC | 96472”; (3) printed on green paper: “Parátipo”; (4) handwritten inscription on white paper: “Tomoplagia | achromoptera P [paratype]”. Preservation: Pinned. Missing parts: right postpedicel.

### ***Tomoplagia aczeli***

#### **Prado, Norrbom & Lewinsohn, 2004**

Prado, Norrbom & Lewinsohn (2004), 192–195 (orig. desc.); 191, fig. 1A (wing); 193, fig. 3A (female terminalia, ventral view); 194, fig. 4A (abdomen, dorsal view). Type locality: Brazil, Minas Gerais, Diamantina.

Holotype female with labels: (1) printed on white paper: “BRASIL MG, [Minas Gerais State] Diamantina, Estr. | Guinda S. [São] João Chapada | 18°959’S 43°42,9’W | P. Prado, T. Lewinsohn, B. Buys, | V. Motta 27/7/95 [VII-1995] PIC95415”; (2) handwritten on white paper: “FIG. 4F”; (3) printed on red paper: “Holótipo”; (4) handwritten on white paper: “Tomoplagia | aczeli”. Preservation: Pinned. Missing parts: none.

One Paratype male and one female with the same labels (1) and (3) as in the Holotype, with label (3) differing in the second line: aczeli P [paratype]”; (2) printed on green paper: “Parátipo. Preservation: Pinned. Missing parts: none.

### ***Tomoplagia bicolor***

#### **Prado, Norrbom & Lewinsohn, 2004**

Prado, Norrbom & Lewinsohn (2004), 195–196 (orig. desc.); 191, fig. 1C (wing); 192, fig. 2C (female terminalia, ventral view); 193, fig. 3B (female terminalia, ventral view); 194, fig. 4B (abdomen, dorsal view). Type locality: Brazil, Minas Gerais, Joaquim Felício.

Holotype female with labels: (1) printed on white paper: “BRASIL MG, [Minas Gerais State] Joaquim Felício, | Serra do Cabral, cerrado | 17°42,6’S 44°11,7’ W | T. Lewinsohn, P. Prado, B. Buys, | V. Motta 19/7/1995 [VII-1995] PIC 95324”; (2) printed on red paper: “Holótipo”; (3) handwritten on white paper: “Tomoplagia | bicolor”. Preservation: Pinned. Missing parts: none.

Paratype female with labels: (1) printed on white paper: “BRASIL MG, [Minas Gerais State] Grão-Mogol, | 16°35.38’S 42°55.5W | P. Prado, T. Lewinsohn, B. | Buys, 13/2/95 [II-1995]”; (2) printed on green paper: “Parátipo”; (3) handwritten on white paper: “Tomoplagia | bicolor P [paratype]”. Preservation: Pinned, abdomen in a plastic vial pinned with the specimen. Missing parts: none.

### ***Tomoplagia brasiliensis***

#### **Prado, Norrbom & Lewinsohn, 2004**

Prado, Norrbom & Lewinsohn (2004), 197–198 (orig. desc.); 193, fig. 3C (female terminalia, ventral view); 194, figs. 4C (female abdomen, dorsal view), and 4D (male abdomen, dorsal view); 197, fig. 5A (male terminalia, dorsal view); 198, figs. 6A (wing), 6B (head, lateral view) and 6C (male fore tarsus, anterior view). Type locality: Brazil, Rio Grande do Sul, Capão Novo.

Holotype female with labels: (1) printed on white paper: “BRASIL, RS [Rio Grande do Sul State], Capão Novo, | campo | 29°40,52’ S 49°58,46’ W | Lewinsohn, Prado, Macedo, | Batista, 10/02/96 [II/1996] PIC 96039”; (2) printed on red paper: “Holótipo”; (3) handwritten on white paper: “Tomoplagia | brasiliensis”. Preservation: Pinned. Missing parts: none.

Paratype male with the same label (1) as in the Holotype; (2) handwritten on white paper: “PIC 96039”; (3) printed on green paper: “Parátipo”; (4) handwritten on white paper: “FIG. 4B”; (5) handwritten on white paper: “Tomoplagia | brasiliensis P [Paratype]”. Preservation: Pinned. Missing parts: tarsomeres three to five of both legs I and tarsomeres two to five of right leg III.

Paratype female with labels: (1) printed on white paper: “BRASIL, SC [Santa Catarina State], Lages, Estrada de | S. [São] José do Cerrito | 27°41,88’ S 50°32,56’ W | Lewinsohn, Prado, Macedo, | Batista, 15/02/96 [II/1996] PIC 96163”; and with the same labels (2) and (3) as in the first Paratype, with label (2) differing in: “PIC | 96163”; label (4) same as label (5) of the first Paratype. Preservation: Pinned. Missing parts: none.

### *Tomoplagia carrerai* Aczél, 1955

Aczél (1955), 341–344 (orig. desc.); 371, figs. 96a (head, lateral view), 96b (epandrium, dorsal view), and 96c (maxillary palpus, lower view); 375, fig. 97j (male abdomen, dorsal view); plate 21, fig. 9 (wing). Type locality: Brazil, São Paulo, Castelhanos.

Holotype male with labels: (1) handwritten on white paper: “Castelhanos | 28-VII-36 [1936]”; (2) printed on white paper: “Lange de Morretes | coll. 1936”; (3) printed with handwritten inscription on white paper: “*Tomoplagia* ♂ | *carrerai* n. sp. | Dr. M. Aczél det.”; (4) handwritten on red paper: “Holotype”. Preservation: Pinned, both wings damaged on middle of costal vein. Missing parts: left arista.

### *Tomoplagia cipoensis*

#### Prado, Norrbom & Lewinsohn, 2004

Prado, Norrbom & Lewinsohn (2004), 199–200 (orig. desc.); 191, fig. 1D (wing); 193, fig. 3D (female terminalia, ventral view); 194, figs. 4H (thorax, dorsal view), and 4I (palpus). Type locality: Brazil, Minas Gerais, Santana do Riacho.

Holotype male with labels: (1) printed on white paper: “Brasil, MG, [Minas Gerais State], Santana do Riacho | Serra do Cipó | 19°13,91’ S 43°30,37’ W | P. Prado, T. Lewinsohn, B. Buys, | V. Motta 26/7/95 [VII/1995] PIC 95442”; (2) printed on red paper: “Holótipo”; (3) handwritten on white paper: “FIG. 4I/4H”; (4) handwritten on white paper: “Tomoplagia | cipoensis”. Preservation: Pinned, with an incision on costal area of left wing. Missing parts: none.

Paratype female with labels: (1) printed with handwritten inscription on white paper: “Serra do Cipó. MG, [Minas Gerais State] – BRASIL | Rod. [road] MG 10 KM 117. 562 | ex Vernonia veptorum | 28/5/92 [V/1992] Paulo Prado leg”; (2) printed on green paper: “Parátipo”; (3) handwritten on white paper: “Tomoplagia | cipoensis P [paratype]”. Preservation: Pinned. Missing parts: none.

### *Tomoplagia dimorphica*

#### Prado, Norrbom & Lewinsohn, 2004

Prado, Norrbom & Lewinsohn (2004), 200–201 (orig. desc.); 191, figs. 1E (male wing), and 1F (female wing); 193, fig. 3E (female terminalia, ventral view). Type locality: Brazil, Minas Gerais, Joaquim Felício.

Holotype female with labels: (1) printed on white paper: “BRASIL, MG, [Minas Gerais State] Joaquim Felício, | Serra do Cabral, vale cór. [córrego] Jucão | 17°41.91’ S 44°16.66’ W | Lewinsohn, Prado, Santos, Silva, | 2/9/96 [IX-1996] PIC 96584”; (2) printed on red paper: “Holótipo”; (3) handwritten on white paper: “Tomoplagia | dimorphica”. Preservation: Pinned, costal area of left wing partially damaged. Missing parts: left leg II and tarsomeres two to five of right leg II.

Paratype male with the same labels (1) and (3) as in the Holotype, with label (3) differing in the second line: “dimorphica P [paratype]”; (2) printed on green paper: “Parátipo”. Preservation: Pinned. Missing parts: left leg III.

### *Tomoplagia grandis*

#### Prado, Norrbom & Lewinsohn, 2004

Prado, Norrbom & Lewinsohn (2004), 201–202 (orig. desc.); 191, fig. 1G (wing); 193, fig. 3F (female terminalia, ventral view); 194, figs. 4E (female abdomen, dorsal view), and 4F (male abdomen, dorsal view); 197, fig. 5B (male terminalia, dorsal view). Type locality: Brazil, Minas Gerais, Joaquim Felício.

Holotype female with labels: (1) printed on white paper: “BRASIL, MG, [Minas Gerais State] Joaquim Felício, | Serra do Cabral | 17°43.61’ S 44°11.01’ W | T. Lewinsohn, M. Lopes, B. Buys, | J. Silva, 13/4/96 [IV-1996] PIC 96344”; (2) printed on red paper: “Holótipo”; (3) handwritten on white paper: “FIG. 4C”; (4) handwritten on white “Tomoplagia | grandis”. Preservation: Pinned. Missing parts: none.

Paratype female with the same label (1) as in the Holotype; (2) printed on green paper: “Parátipo”; label (3) same as label (4) of the Holotype. Preservation: Pinned, abdomen in a plastic vial pinned with the specimen. Missing parts: none.

### *Tomoplagia interrupta*

#### Prado, Norrbom & Lewinsohn, 2004

Prado, Norrbom & Lewinsohn (2004), 202–203: (orig. desc.); 191, fig. 1H (wing); 193, fig. 3G (female terminalia, ven-

tral view); 194, fig. 4J (head, lateral view). Type locality: Brazil, Minas Gerais, Diamantina.

Holotype female with labels: (1) printed on white paper: “BRASIL MG, [Minas Gerais State] Diamantina, | Estr. Cons. Matta | 18°17.89' S 43°50,01' W | P. Prado, T. Lewinsohn, B. | Buys, 18/02/95 [II-1995], PIC95074”; (2) printed on red paper: “Holótipo”; (3) handwritten on white paper: “FIG. 4J”; (4) handwritten on white paper: “Tomoplagia | interrupta”. Preservation: Pinned, incision on costal area of right wing. Missing parts: none.

Paratype male with the same label (1) as in the Holotype, differing in the fifth line: “Buys, 18/02/95 [II-1995], PIC95073”; (2) printed on green paper: “Parátipo”; (3) handwritten on white paper: “Tomoplagia | interrupta P [paratype]”. Preservation: Pinned. Missing parts: left leg II.

Paratype male with labels: (1) printed on white paper: “BRASIL MG, [Minas Gerais State] Diamantina, S. J. | Chapada, Serra da Guiné | 18°6,54' S 43°44,09' W | T. Lewinsohn, M. Lopes, B. Buys, | J. Silva, 17/4/96 [IV-1996], PIC 965424”; (2) handwritten on white paper: “PIC 965424”; and labels (3) and (5) same as labels (2) and (3) of the first Paratype respectively; (4) handwritten on white paper: “FIG. 1L”. Preservation: Pinned, abdomen in a plastic vial pinned with the specimen. Missing parts: left legs I and II, tarsomeres two to five of right leg III and tibia and tarsus of left leg III.

### *Tomoplagia matzenbacheri*

**Prado, Norrbom & Lewinsohn, 2004**

Prado, Norrbom & Lewinsohn (2004), 203–204 (orig. desc.); 191, fig. 1I (wing); 193, fig. 3H (female terminalia, ventral view); 194, fig. 4G (male abdome, dorsal view). Type locality: Brazil, Rio Grande do Sul, Guaíba.

Holotype female with labels: (1) printed on white paper: “BRASIL, RS, [Rio Grande do Sul State] Guaíba, Sítio S. | Maximiano, BR – 116 km 31 | 30°10.84' S 51°23.52' W | P. Prado, T. Lewinsohn, A. | Macedo, 8/4/95 [IV-1995], PIC95121”; (2) printed on red paper: “Holótipo”; (3) handwritten on white paper: “Tomoplagia | matzenbacheri”. Preservation: Pinned. Missing parts: none.

Paratype male with the same label (1) as in the Holotype; (2) printed on green paper: “Parátipo”; (3) handwritten on white paper: “FIG. 4E”; and label (4) the same as label (3) of the Holotype. Preservation: Pinned. Missing parts: tarsus of left leg I.

### *Tomoplagia ovalipalpis* Aczél, 1955

Aczél (1955), 374–377 (orig. desc.); 383, figs. 100a (female postabdome, lateral view), 100b (oviscape, lateral view), 100c (oviscape, dorsal view), 100d (maxillary palpus, inferior view), and 100e (head, lateral view); 399, fig. 102w (female abdomen, dorsal view); plate 24, fig. 20 (wing). Type locality: Brazil, São Paulo, Itanhaém.

Holotype male with labels: (1) handwritten on white paper: “S. Paulo [São Paulo State] | Itanhaem | E. Rabello | XI-948 [1948] [lateral inscription]”; (2) printed with handwritten inscription on white paper: “INST. M. LILLO | Preparación | Nº 82 *M. Ala*”; (3) printed with handwritten inscription on white paper: “*Tomoplagia* ♀ | *ovalipalpis* n. sp. | Dr. M. Aczél det. 19”; (4) handwritten on red paper: “Holótipo”. Preservation: Pinned. Missing parts: right wing.

### *Tomoplagia pallens*

**Abreu, Prado, Norrbom & Solferini, 2005**

Abreu, Prado, Norrbom & Solferini (2005), 367–368 (orig. desc.); 366, figs. 3A (abdomen, dorsal view), and 3C (aculeus, ventral view); 367, fig. 5B (male terminalia glans). Type locality: Brazil, Goiás, Pirenópolis.

Holotype female with labels: (1) handwritten on white paper: “KSY0107”; (2) printed on red paper: “Holótipo”; (3) handwritten on white paper: “Brasil: Goiás | Pirenópolis 13/6/[VI] 2001 | Abreu & Yotoko, col. | KSY 0107”; (4) handwritten on white paper: “Tomoplagia | pallens”. Preservation: Pinned. Missing parts: tarsus of right leg I, femora, tibiae and tarsi of legs II and both tarsi of legs III.

Paratype male with the same labels (1), (3) and (4) as in the Holotype, with label (4) differing in the second line: “pallens P [paratype]”; (2) printed on green paper: “Parátipo”. Preservation: Pinned. Missing parts: right postpedicel, both tarsi of leg I and tarsus of right leg III.

### *Tomoplagia reticulata*

**Abreu, Prado, Norrbom & Solferini, 2005**

Abreu, Prado, Norrbom & Solferini (2005), 365–367 (orig. desc.); 366, figs. 3B (abdomen, dorsal view), and 3D (aculeus, ventral view); 367, figs. 4 (wing), and 5A (male terminalia glans). Type locality: Brazil, Minas Gerais, Santana do Riacho.

Paratype male with labels: (1) printed on white paper: “BRASIL MG, [Minas Gerais State] Joaquim Felício, | Serra do Cabral, Faz. Da Onça | 17°41.94' S 44°14.82' W | Lewinsohn, Prado, Santos, Silva | 3/9/96 [IX/1996] PIC 96601”; (2) handwritten on white paper: “PIC 96601”; (3) printed on green paper: “Parátipo”. Preservation: Pinned. Missing parts: none.

One Paratype female and two of undetermined sex with the same labels (1) and (3) as in the first Paratype; (2) handwritten on white paper: “Tomoplagia | reticulata Abreu | *et al.*”. Preservation: Pinned. Missing parts: Paratype female without left wing.

### *Tomoplagia rupestris*

**Prado, Norrbom & Lewinsohn, 2004**

Prado, Norrbom & Lewinsohn (2004), 204–206 (orig. desc.); 191, fig. 1J (wing); 193, fig. 3I (female terminalia, ven-



tral view); 197, fig. 5D (male terminalia glans). Type locality: Brazil, Minas Gerais, Diamantina.

Holotype female with labels: (1) printed on white paper: "BRASIL, MG, [Minas Gerais State] Diamantina, | 18°11.96' S 43°42,56' W | T. Lewinsohn, M. Lopes, B. Buys, | J. Silva, 19/4/96 [IV/19996] PIC 96478"; (2) handwritten on white paper: "PIC | 96478"; (3) printed on red paper: "Holótipo"; (4) handwritten on white paper: "Tomoplagia | rupestris". Preservation: Pinned. Missing parts: none.

Paratype male with labels: (1) printed on white paper: "BRASIL, MG, [Minas Gerais State] Santana do Riacho, | S. [Serra do] Cipó, Chapéu do Sol, campo | ° S ° W | Bruno D. Buys, 11/3/96 [III/19996] | PIC 96268"; (2) printed on green paper: "Parátipo"; and label (3) same as label (4) of the Holotype, differing in the second line: "rupestris P [paratype]". Preservation: Pinned. Missing parts: tarsomeres two to five of right leg II, tarsus of right leg III and tarsomeres two to five of left leg III.

Paratype female with labels: (1) printed on white paper: "BRASIL, MG, [Minas Gerais State] Diamantina, S. J. [São João] | Chapada, Serra da Guiné | 18°6,6' S 43°44,08' W | Lewinsohn, Prado, Santos, Silva, | 7/9/96 [VII/1996] | PIC 9676"; (2) handwritten on white paper: "PIC96676"; (3) printed on green paper: "Parátipo"; (4) handwritten on white paper: "Tomoplagia | rupestris P [paratype]". Preservation: Pinned. Missing parts: none.

Paratype female with the same labels (1), (2) and (4) as in the Holotype, with label (4) differing in the second line: "rupestris P [paratype]"; (3) same as above. Preservation: Pinned, abdomen in a plastic vial pinned with the specimen. Missing parts: right wing, left legs I, II and III and tarsomeres two to five of right leg III.

### *Tomoplagia salesopolitana* Aczél, 1955

Aczél (1955), 400–402 (orig. desc.); 397, figs. 101e (maxillary palpus, inferior view), and 101f (head, lateral view); 399, fig. 102f (male abdomen, dorsal view); plate 26, fig. 26 (wing). Type locality: Brazil, São Paulo, Salesópolis.

Holotype male with labels: (1) printed on white paper: "BR-S.P [Brazil-São Paulo State].: Salesópolis | (Boracea) [Boracéia] 14.VIII.1947 | E. Rabello & Trav. Fº | & J. Lane"; printed with handwritten inscription on white paper: "Tomoplagia ♂ | salesopolitana n. sp. | Dr. M. Aczél det. 19"; (4) handwritten on red paper: "Holótipo". Preservation: Pinned. Missing parts: tarsomeres two to five of left leg II.

### *Tomoplagia variabilis*

#### Prado, Norrbom & Lewinsohn, 2004

Prado, Norrbom & Lewinsohn (2004), 206–207 (orig. desc.); 191, fig. 1L (wing); 193, fig. 3J (female terminalia, ventral view). Type locality: Brazil, Minas Gerais, Joaquim Felício.

Holotype female with labels: (1) printed on white paper:

"BRASIL, MG, [Minas Gerais State] Joaquim Felício, | Serra do Cabral, vale cór. [Córrego] Jucão | 17°41.91' S 44°16.66' W | Lewinsohn, Prado, Santos, Silva, | 2/9/96 [II-1996] PIC 96584"; (2) printed on red paper: "Holótipo"; (3) handwritten on white paper: "Tomoplagia | variabilis". Preservation: Pinned. Missing parts: none.

One Paratype male and two females with the same labels (1) and (3) as in the Holotype, with label (3) differing in the second line: "variabilis P [paratype]"; (2) printed on green paper: "Parátipo". Preservation: Pinned. Missing parts: Paratype male without left postpedicel.

### *Tomoplagia voluta*

#### Prado, Norrbom & Lewinsohn, 2004

Prado, Norrbom & Lewinsohn (2004), 207–208 (orig. desc.); 191, fig. 1M (wing); 193, fig. 3K (female terminalia, ventral view); 197, figs. 5C (male terminalia, dorsal view) and 5E (male terminalia glans). Type locality: Brazil, Minas Gerais, Santana do Riacho.

Holotype female with labels: (1) handwritten on white paper: "PIC | 96268"; (2) "Tomoplagia | voluta"; (3) printed on red paper: "Holótipo". Preservation: Pinned. Missing parts: none.

Paratype male with labels: (1) printed on white paper: "BRASIL, MG, [Minas Gerais State] Joaquim Felício, | Serra do Cabral | 17°43.61' S 44°11.01' W | T. Lewinsohn, M. Lopes, B. Buys, | J. Silva, 13/4/96 [IV/19996] PIC 96342"; (2) handwritten on white paper: "PIC | 96342"; (3) printed on green paper: "Parátipo"; (4) handwritten on white paper: "Tomoplagia | voluta P [paratype]". Preservation: Pinned, abdomen in a plastic vial pinned with the specimen. Missing parts none.

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